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Fig. 1

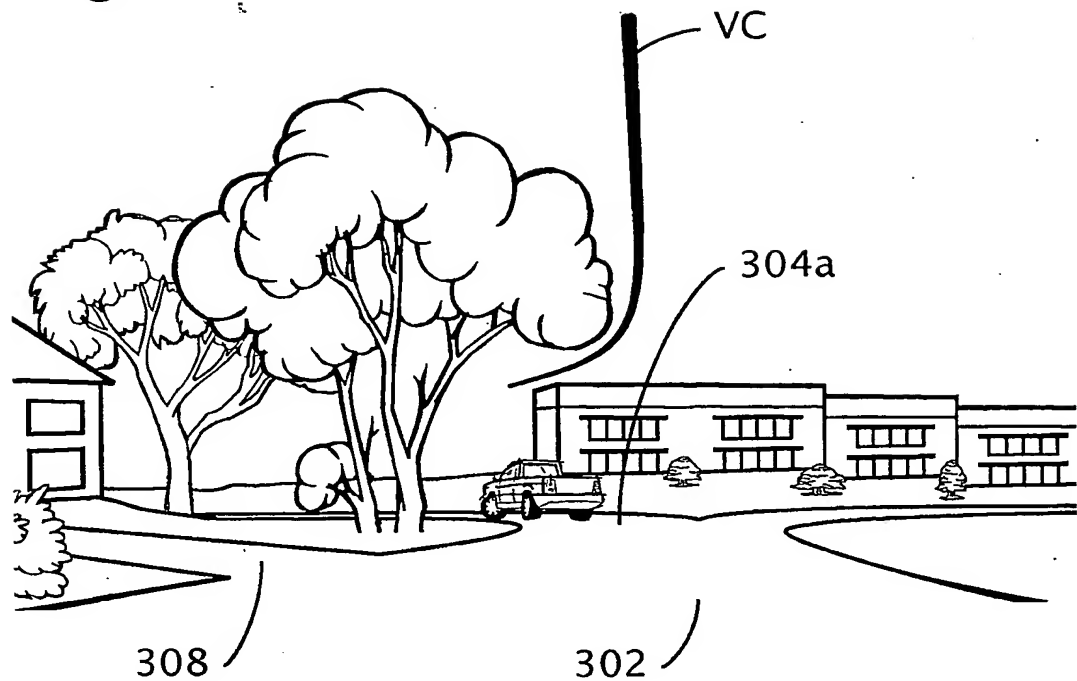
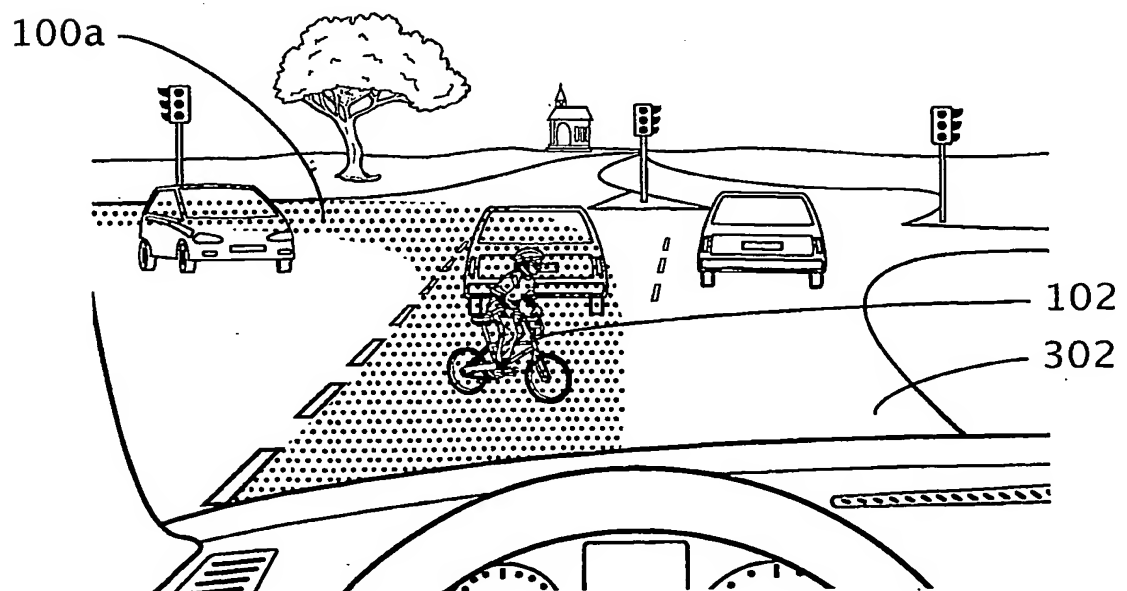


Fig. 2



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Fig. 3A

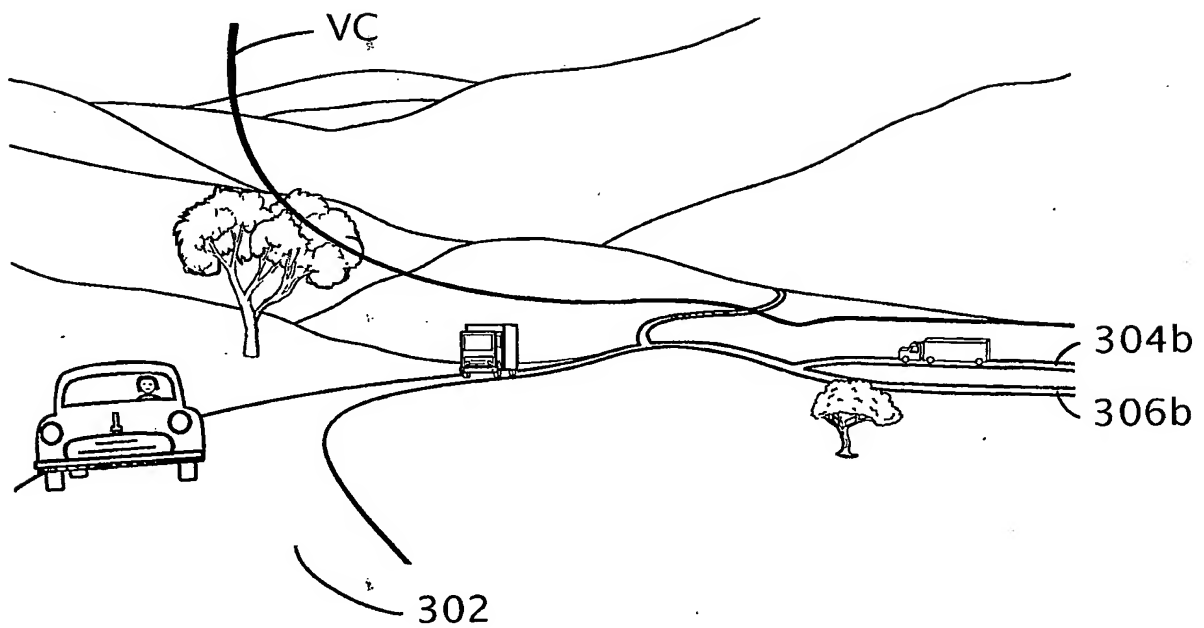
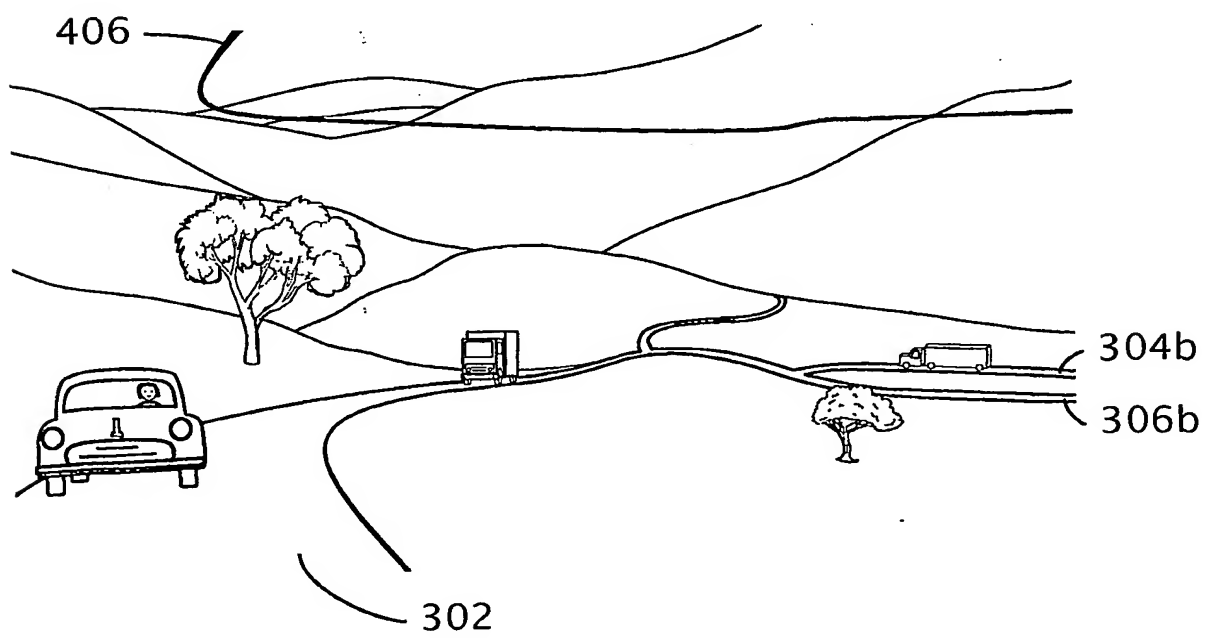


Fig. 3B



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Fig. 4

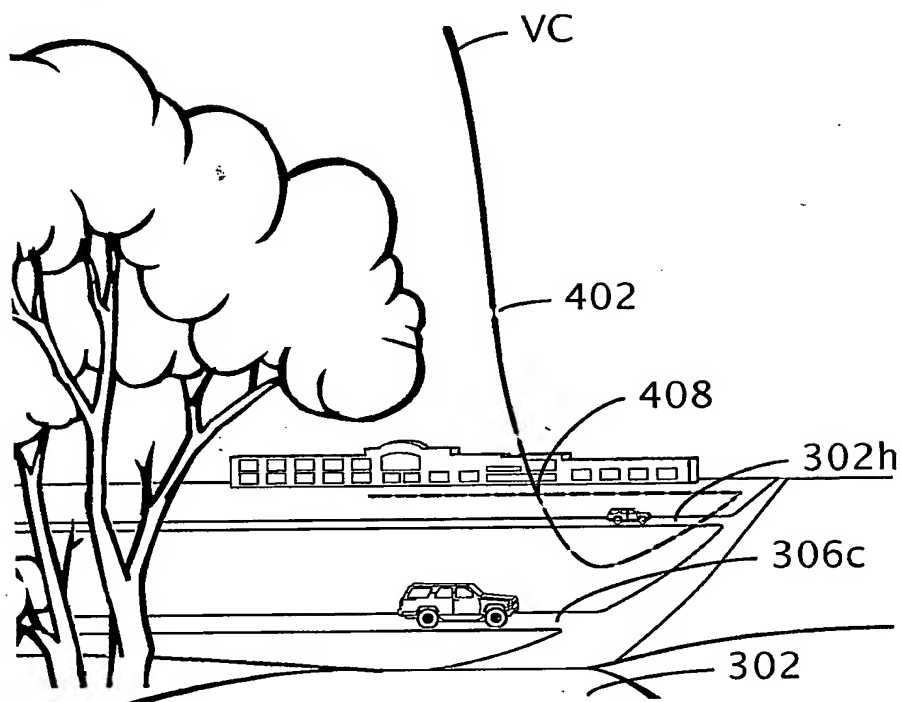
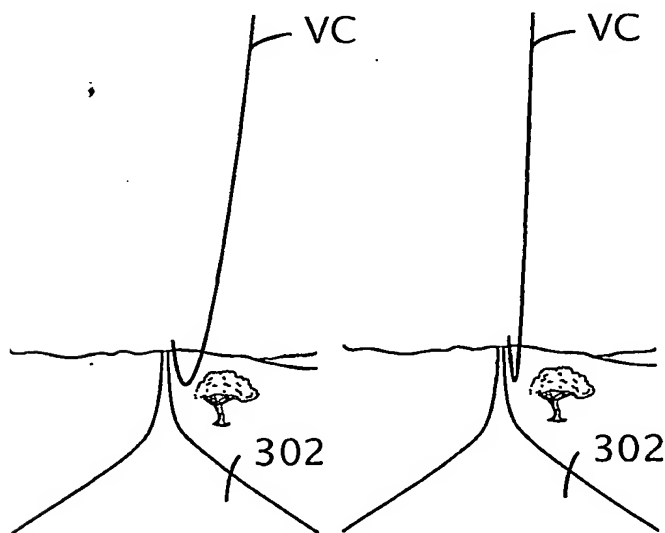


Fig. 5A

Fig. 5B



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Fig. 6A

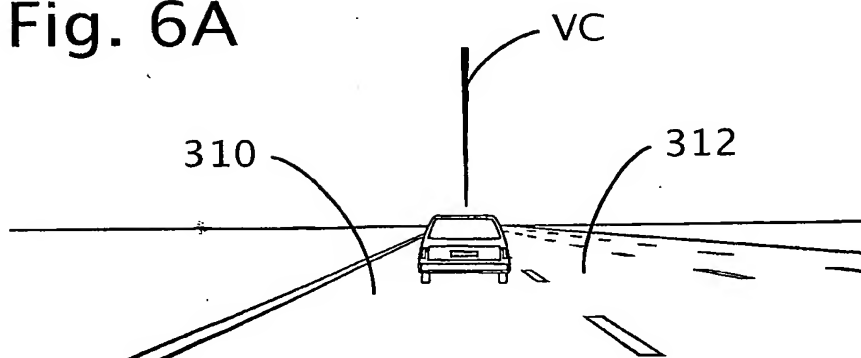


Fig. 6B

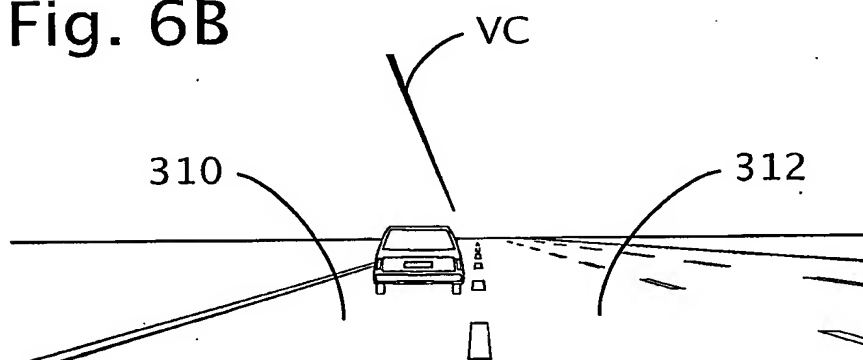


Fig. 6C

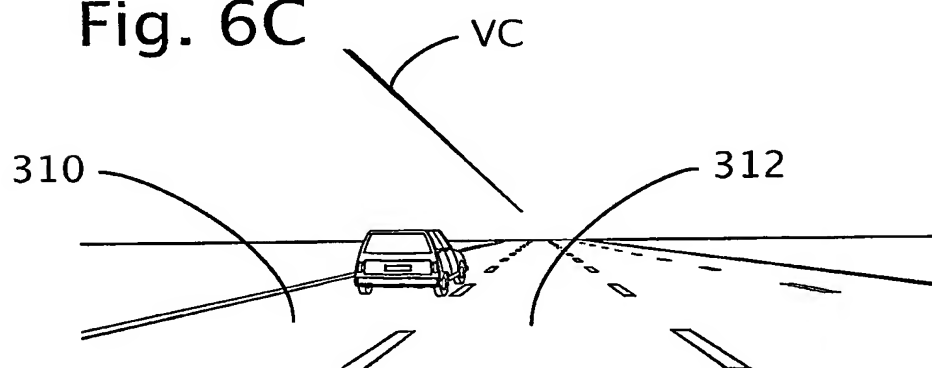
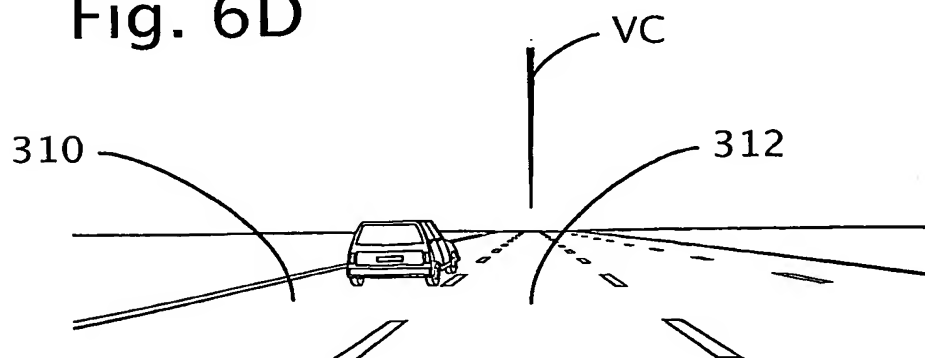


Fig. 6D



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Fig. 7

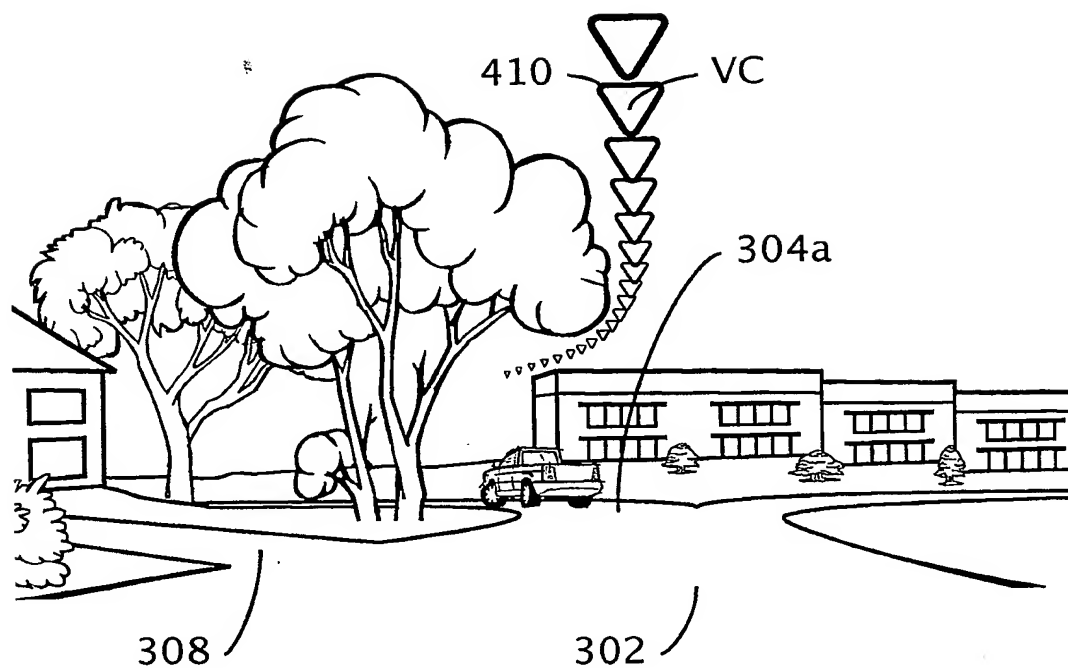
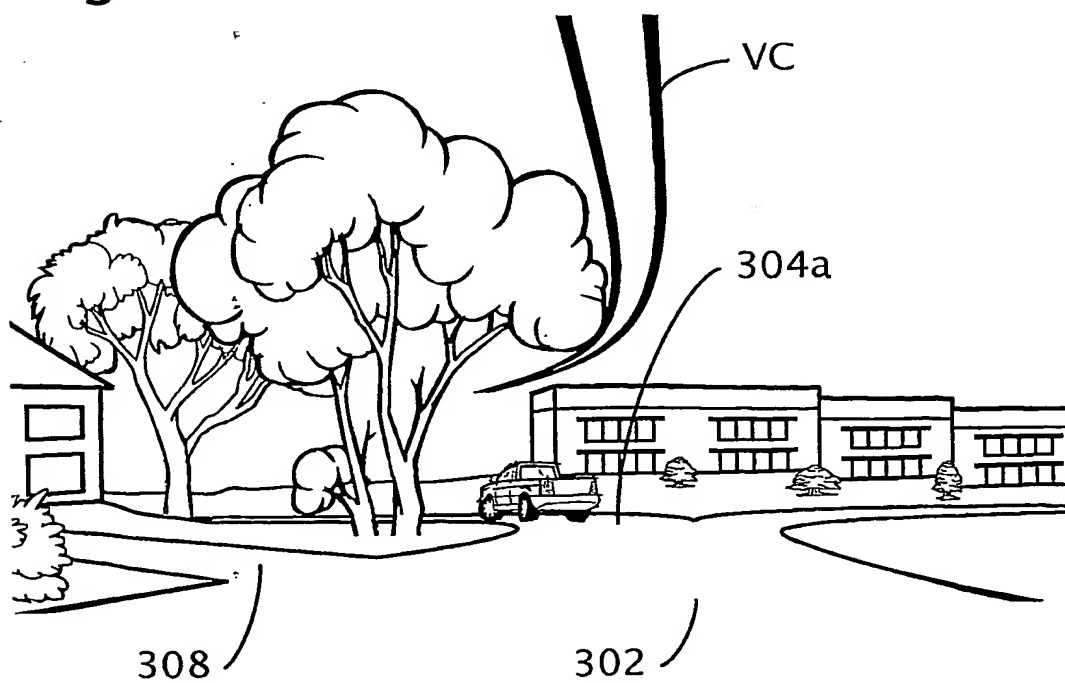


Fig. 8



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Fig. 9

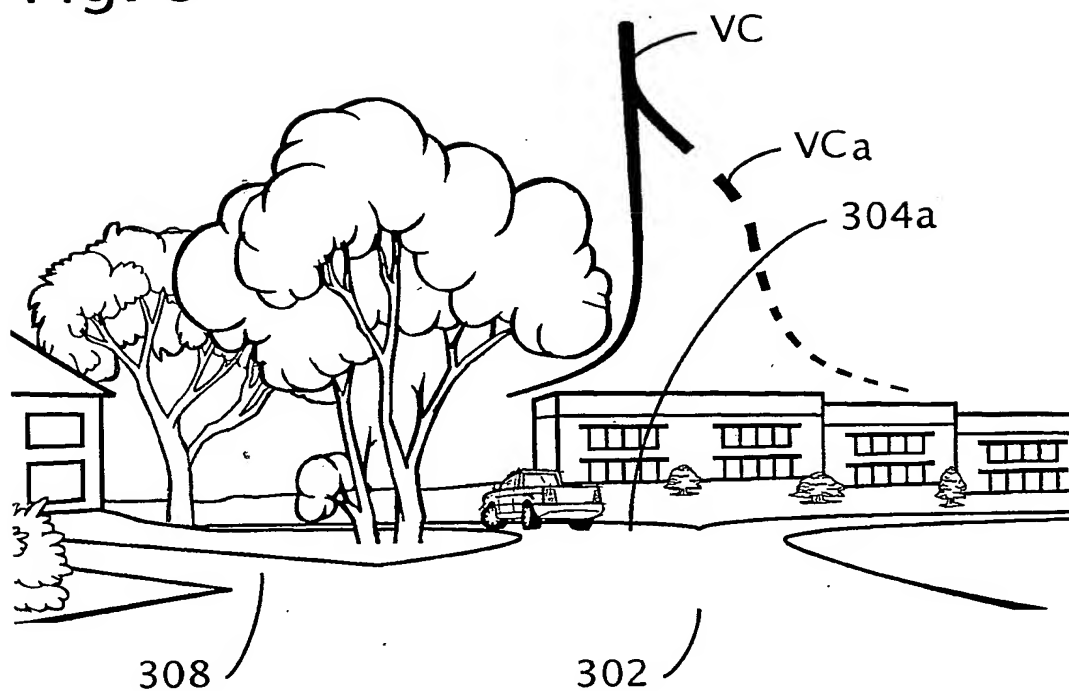
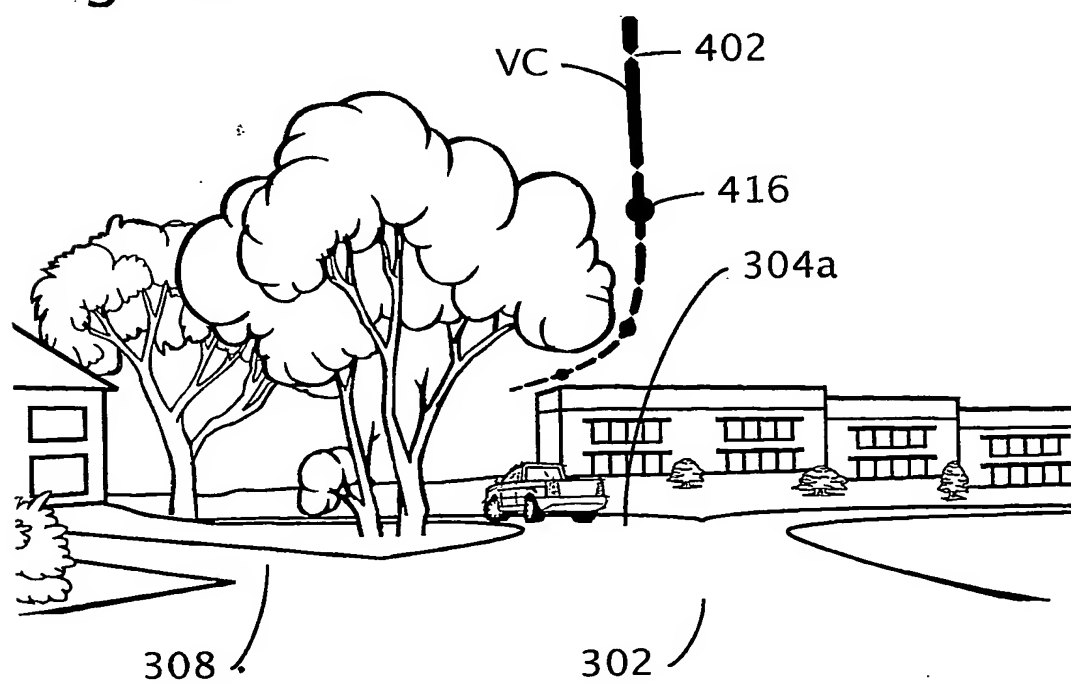


Fig. 10



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Fig. 11A

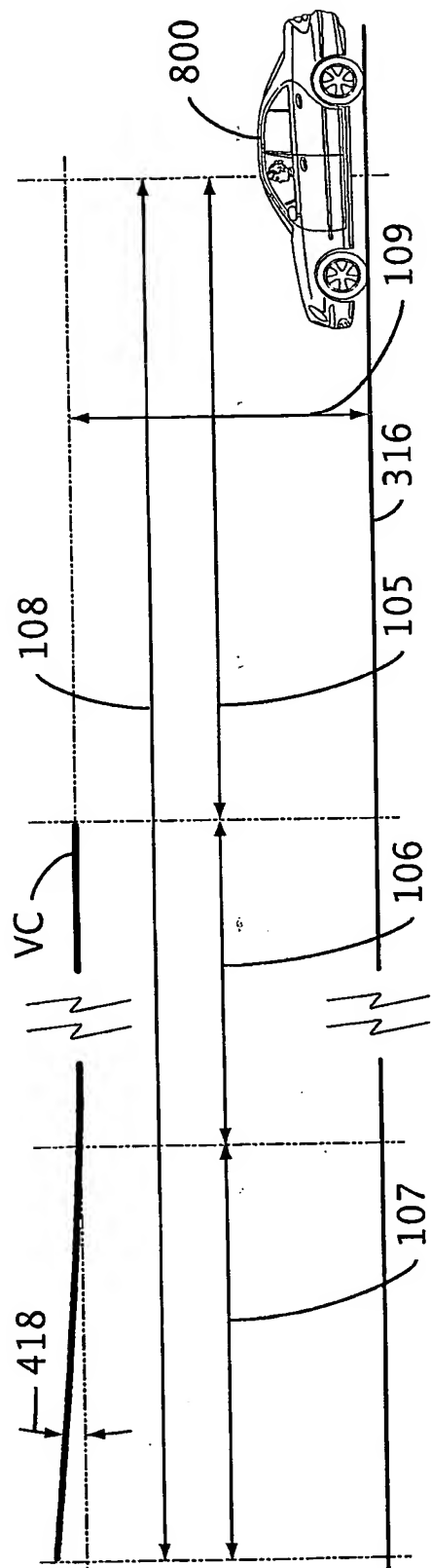
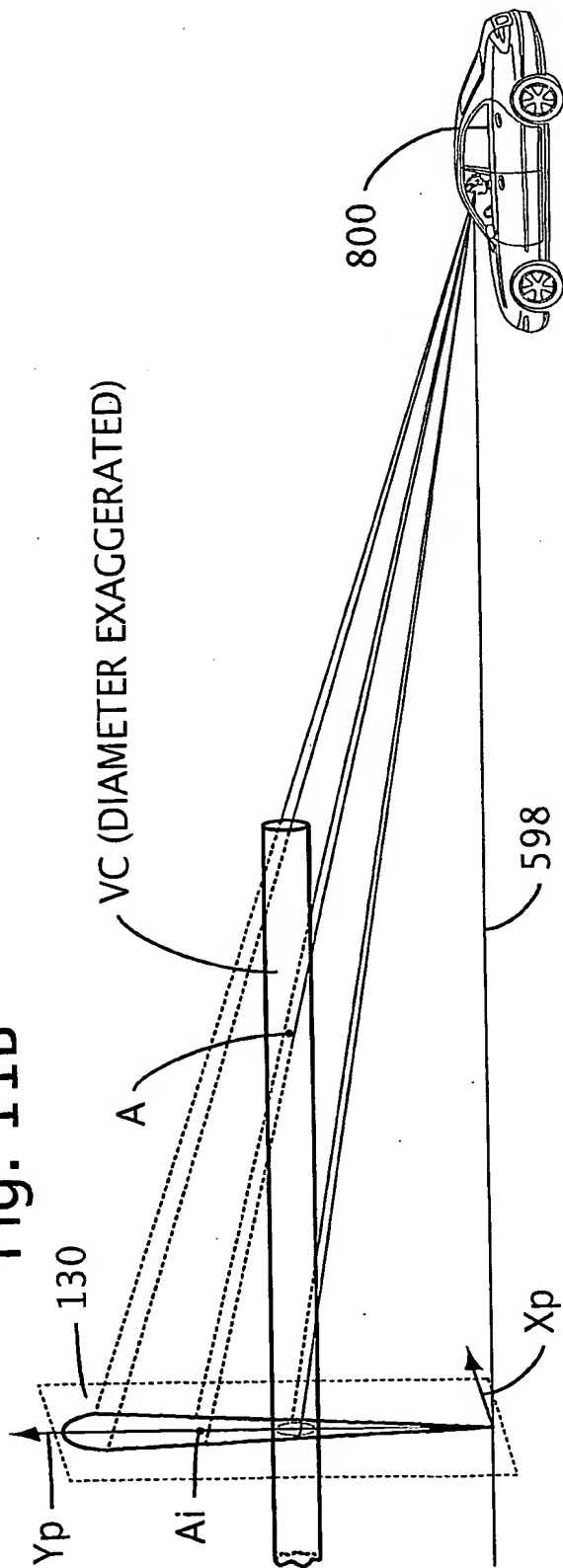


Fig. 11B



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Fig. 12A

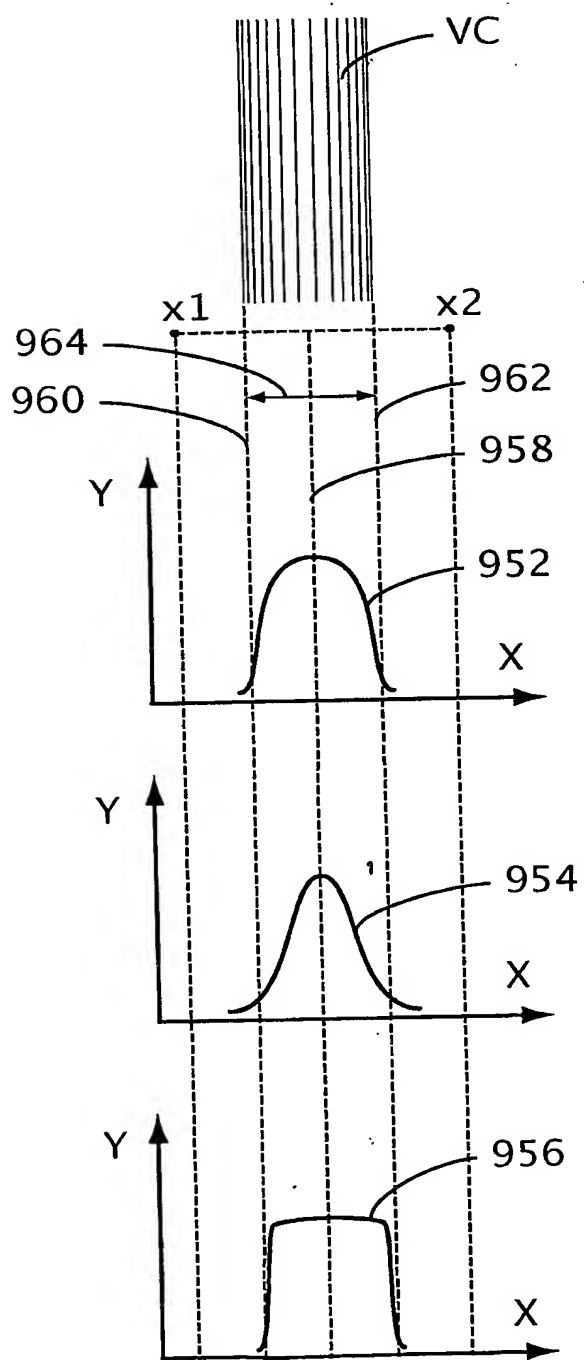


Fig. 12B

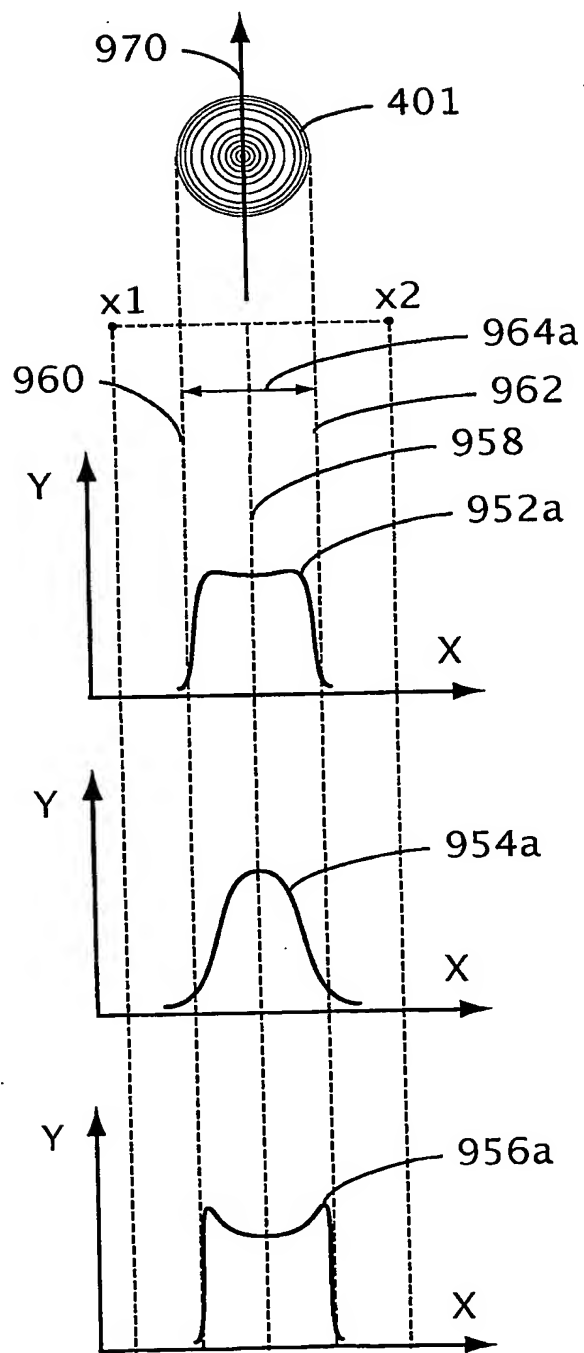


Fig. 13A Fig. 13B

NON-ABERRATED
BEAM

SPHERICALLY
ABERRATED
BEAM

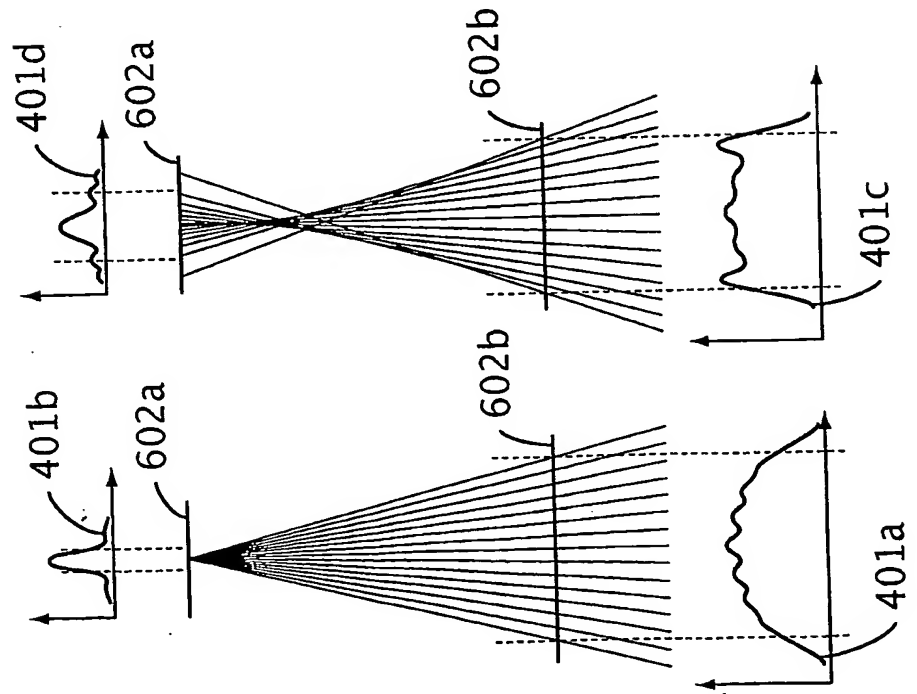


Fig. 14A

Fig. 14B

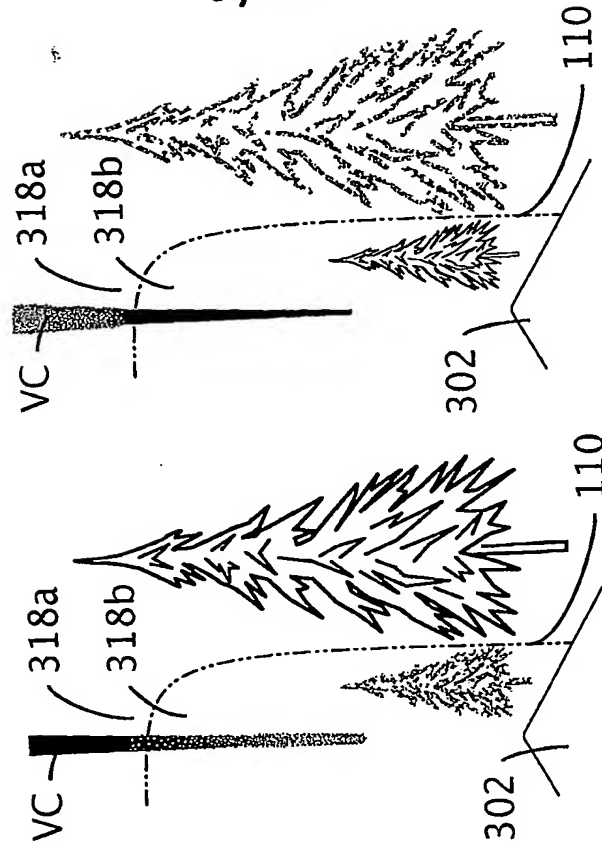
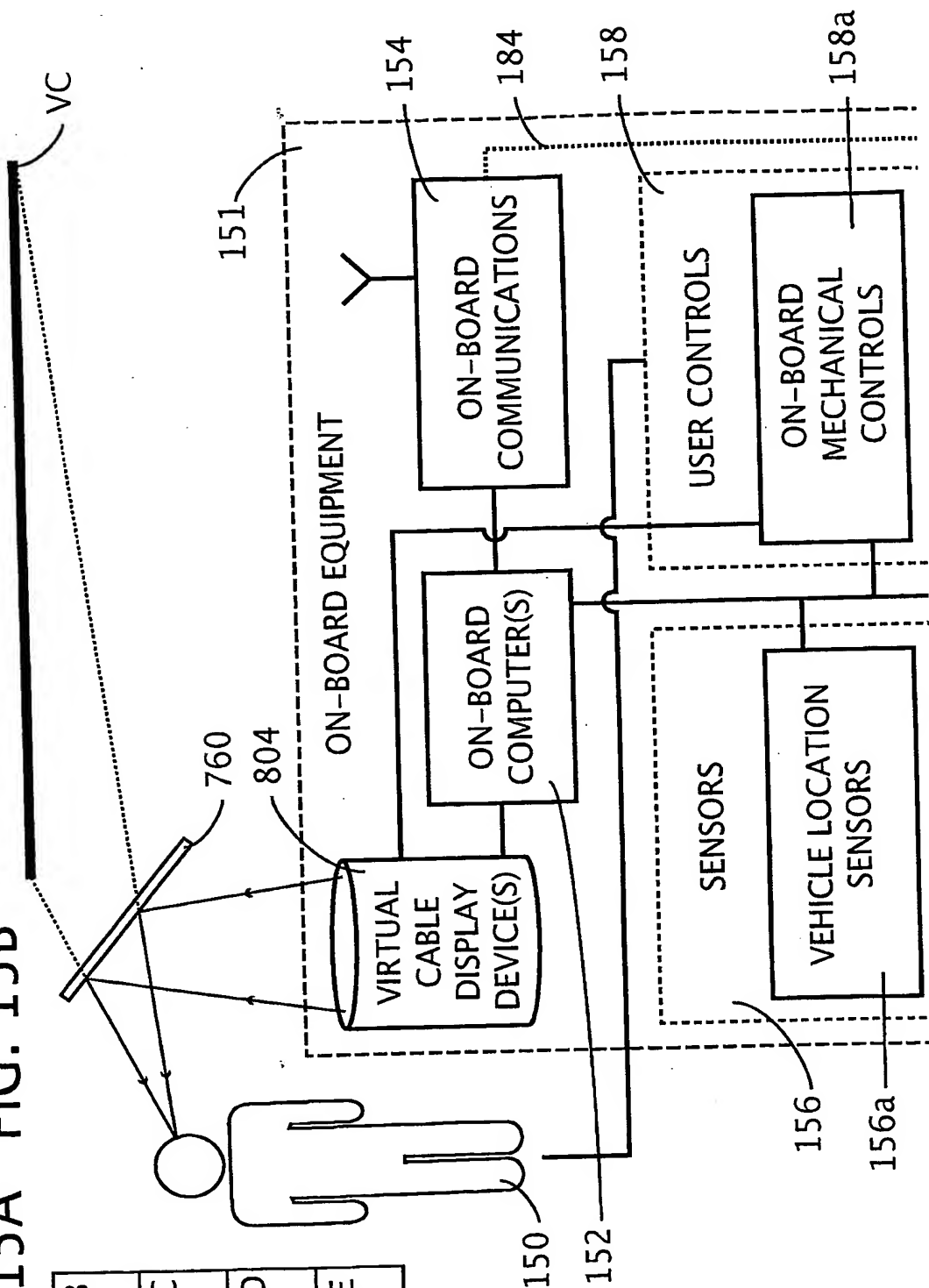


FIG. 15A FIG. 15B

FIG. 15B
FIG. 15C
FIG. 15D
FIG. 15E



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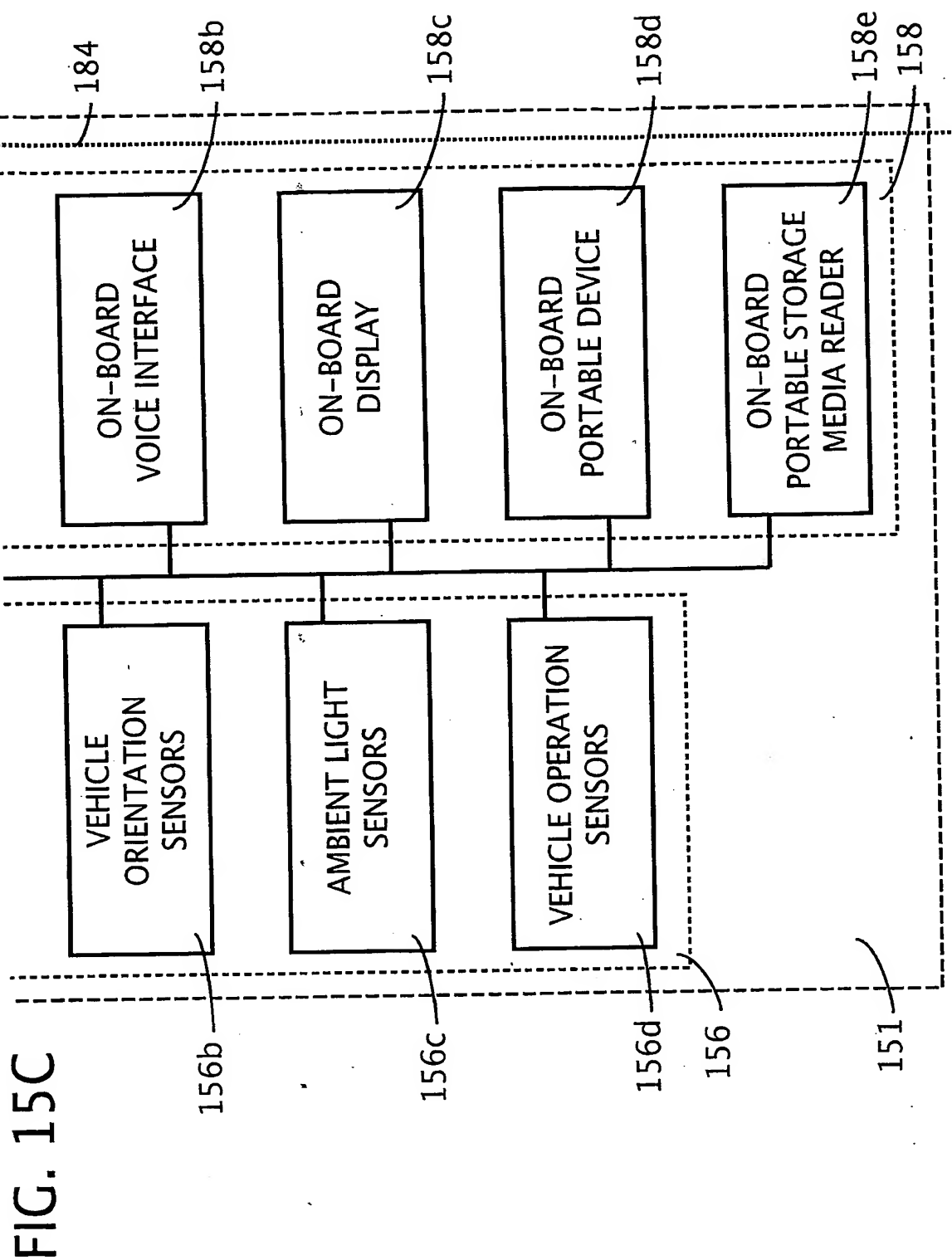
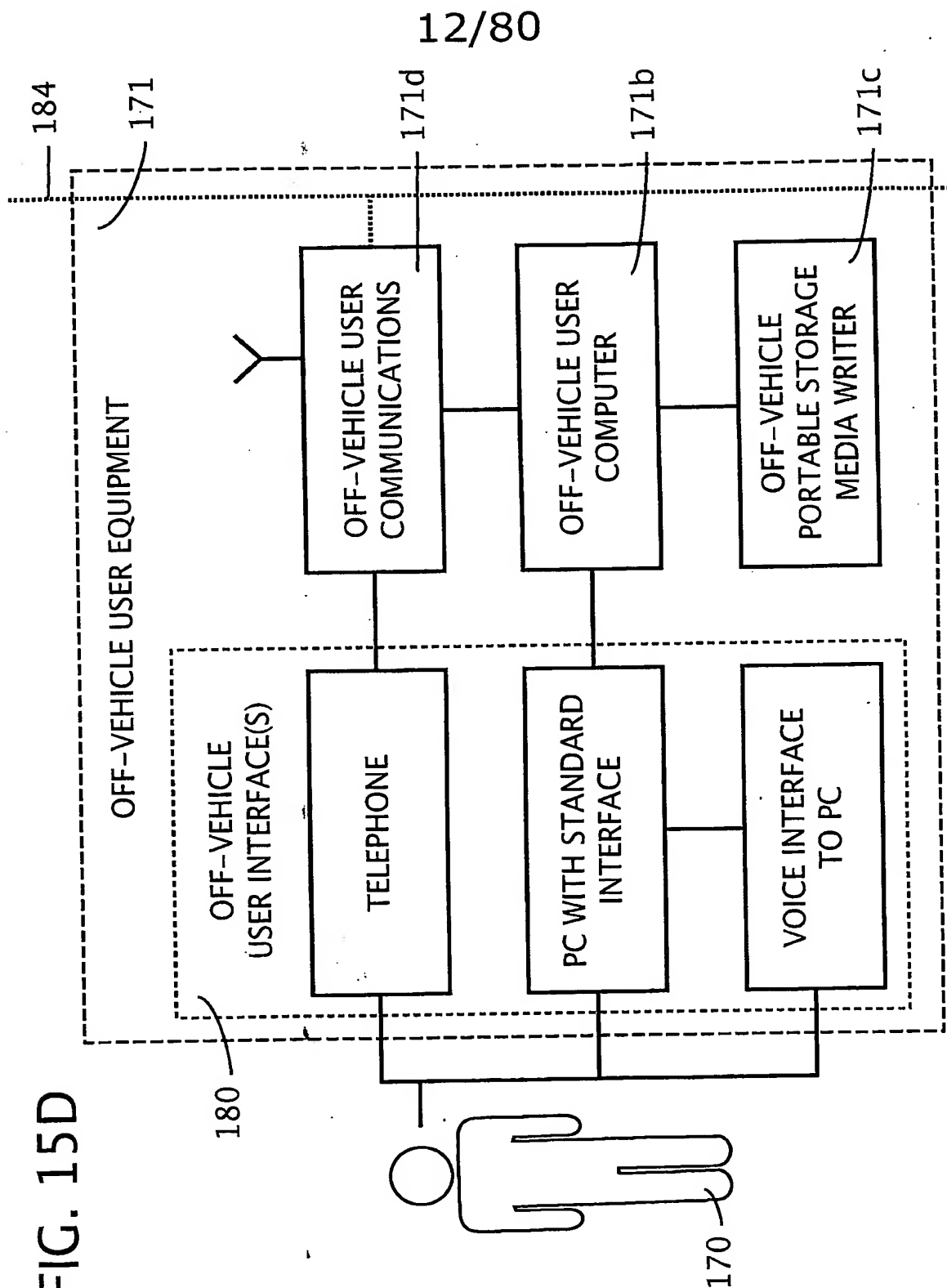


FIG. 15D



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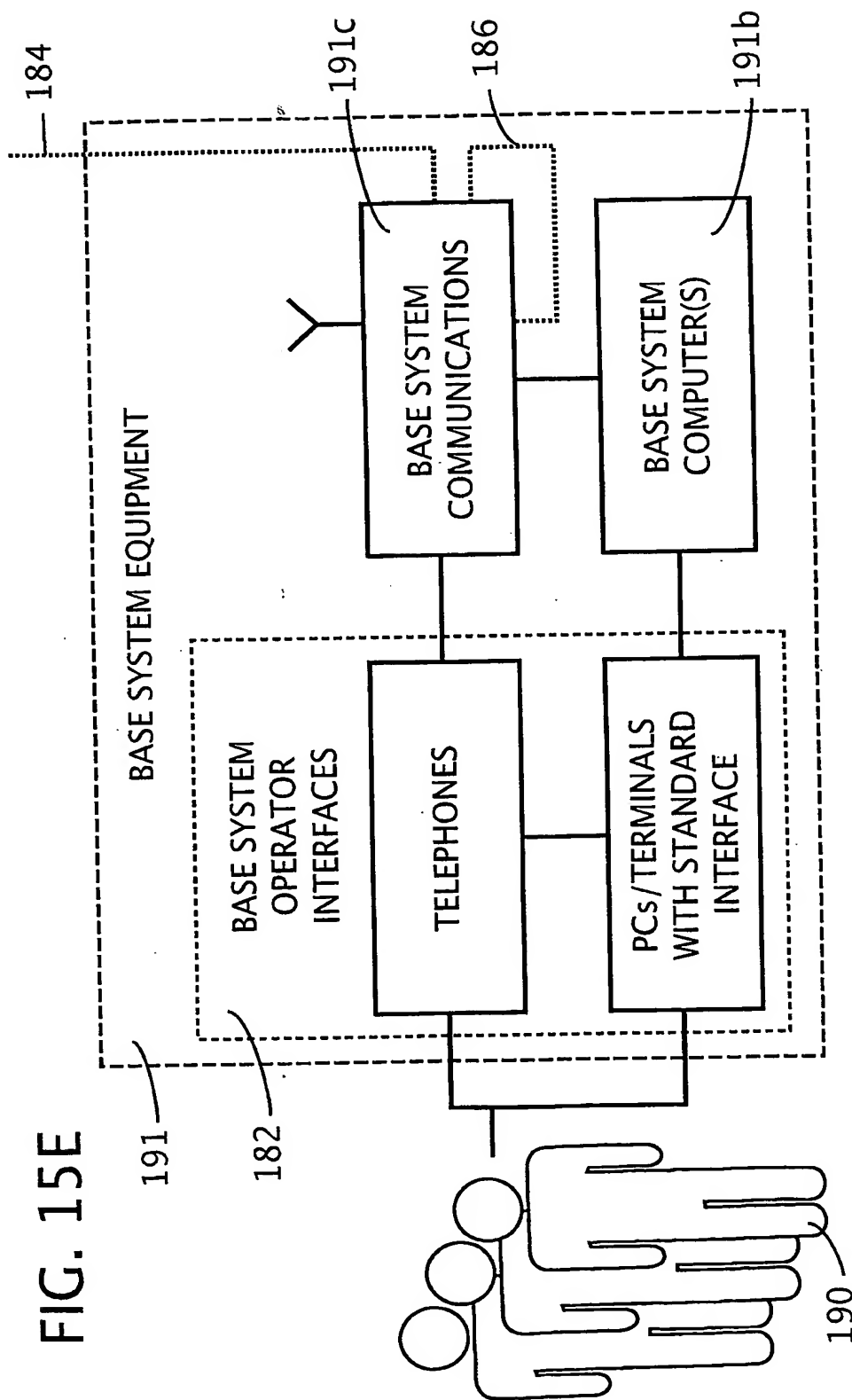


FIG. 15E

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Fig. 16A

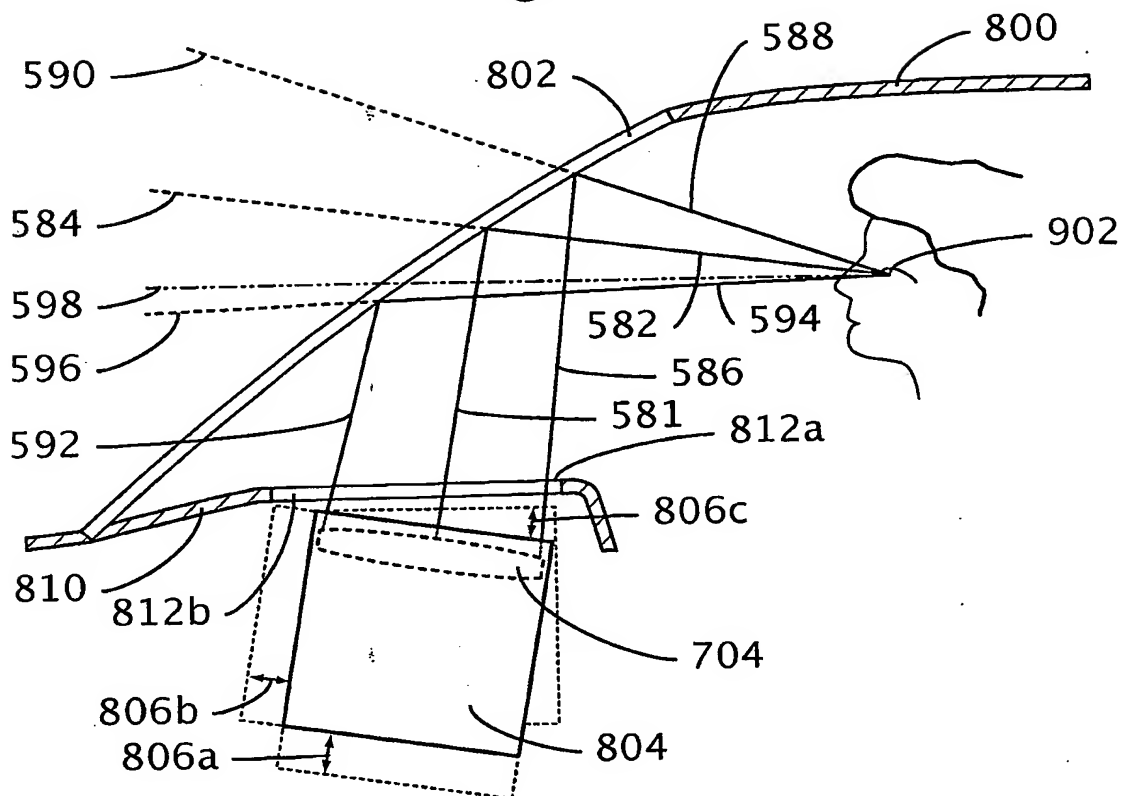
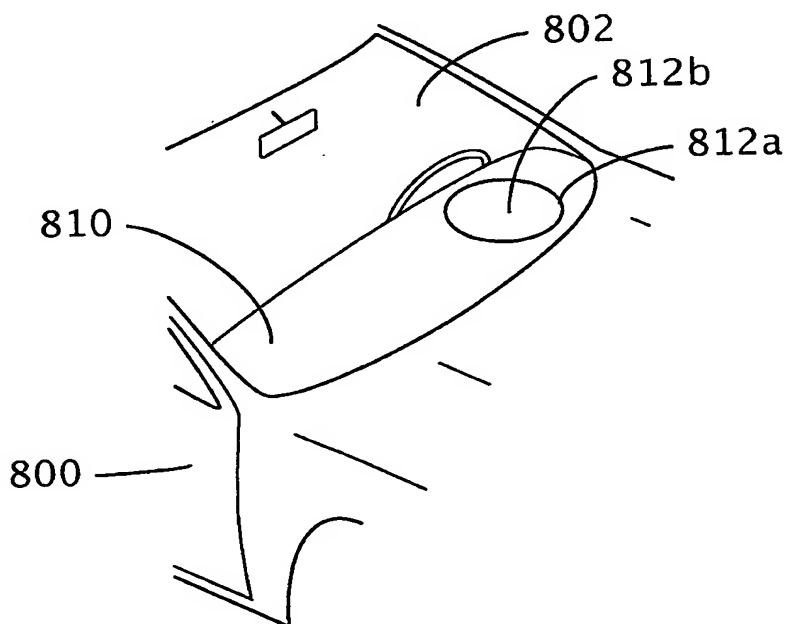


Fig. 16B



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Fig. 17A

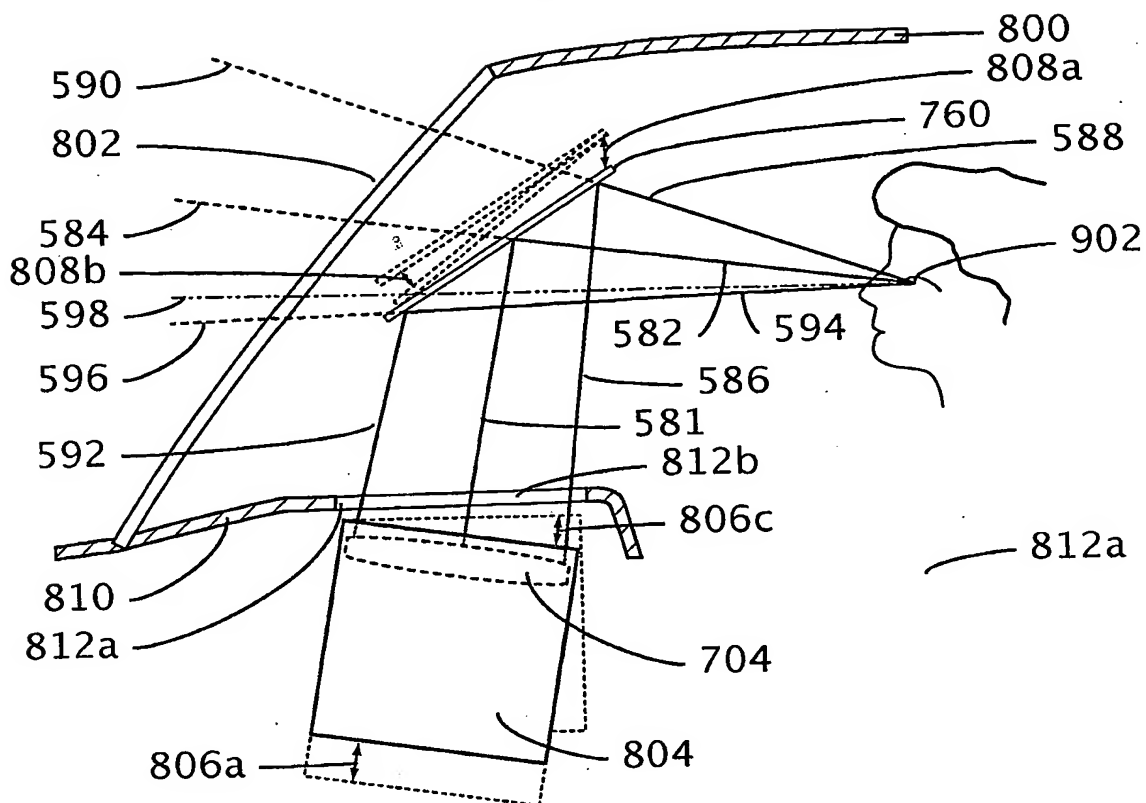
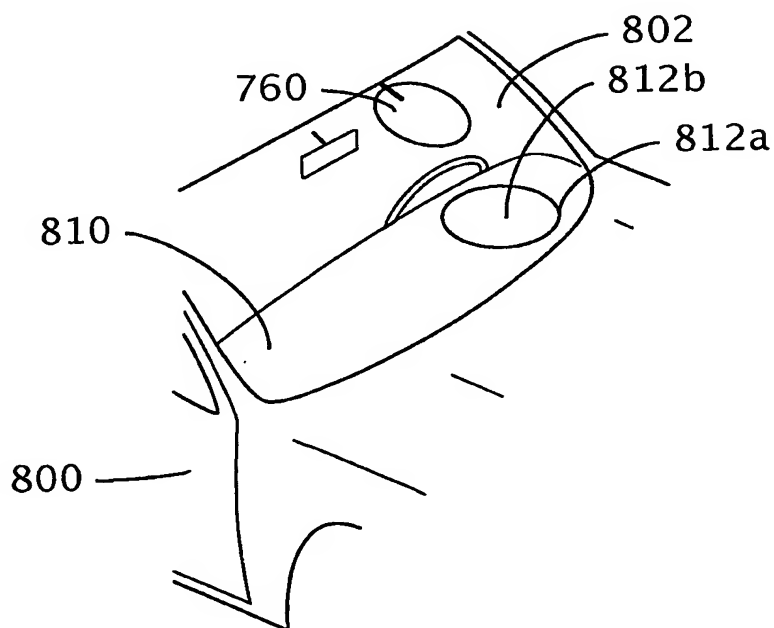


Fig. 17B



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Fig. 18A

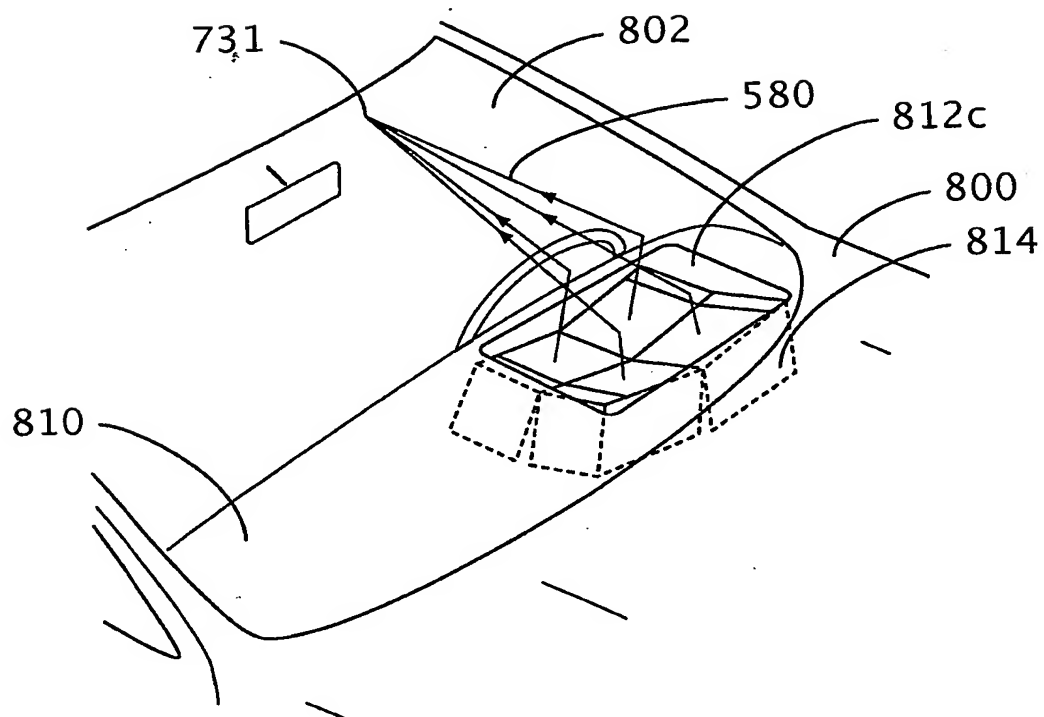
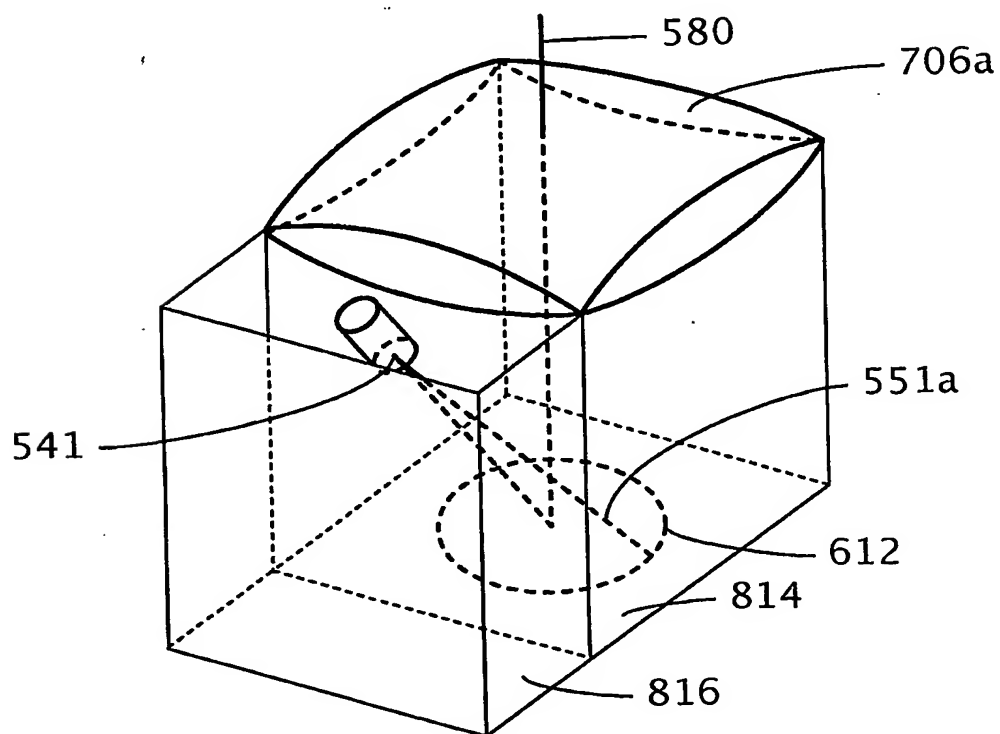


Fig. 18B



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Fig. 19

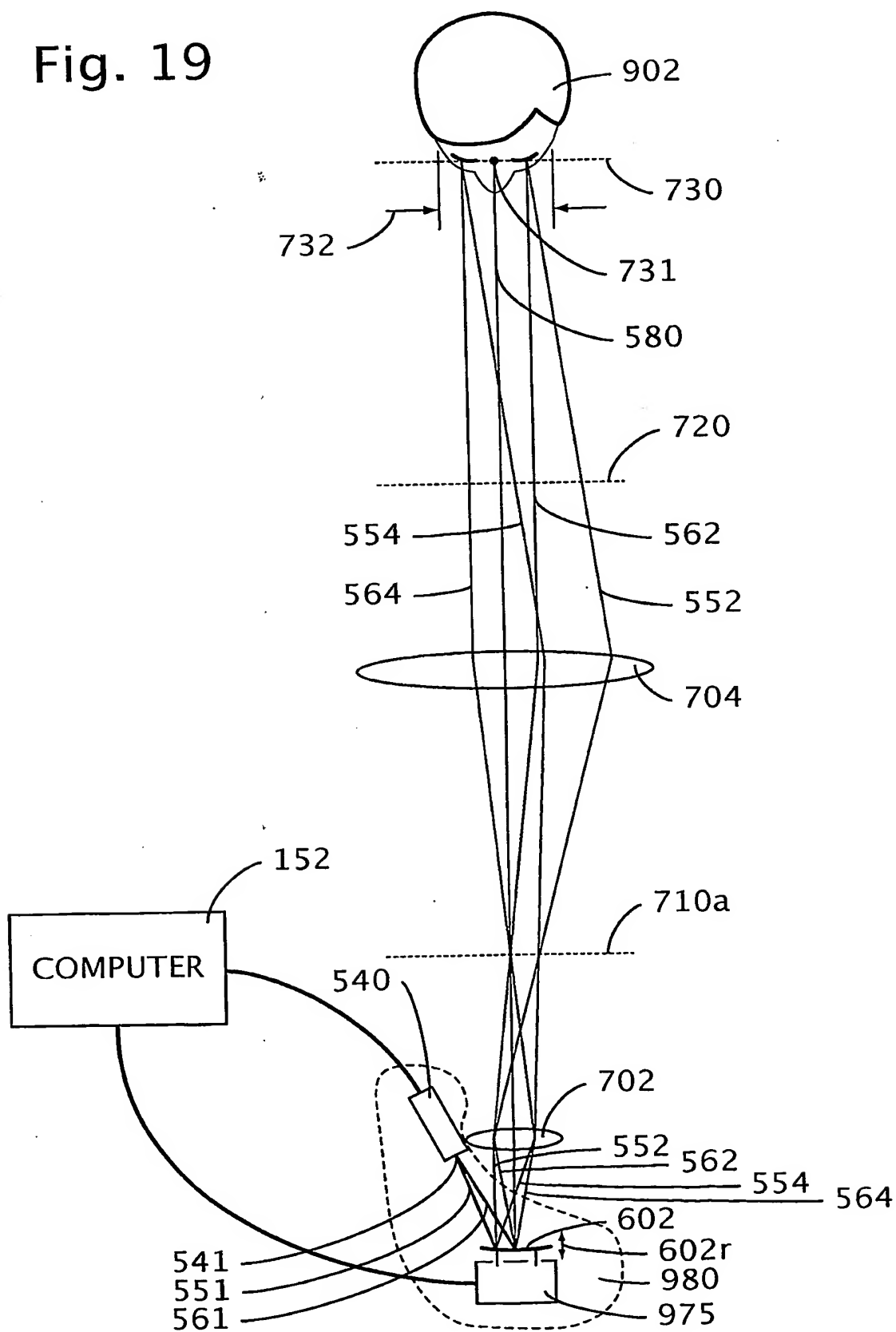


Fig. 20

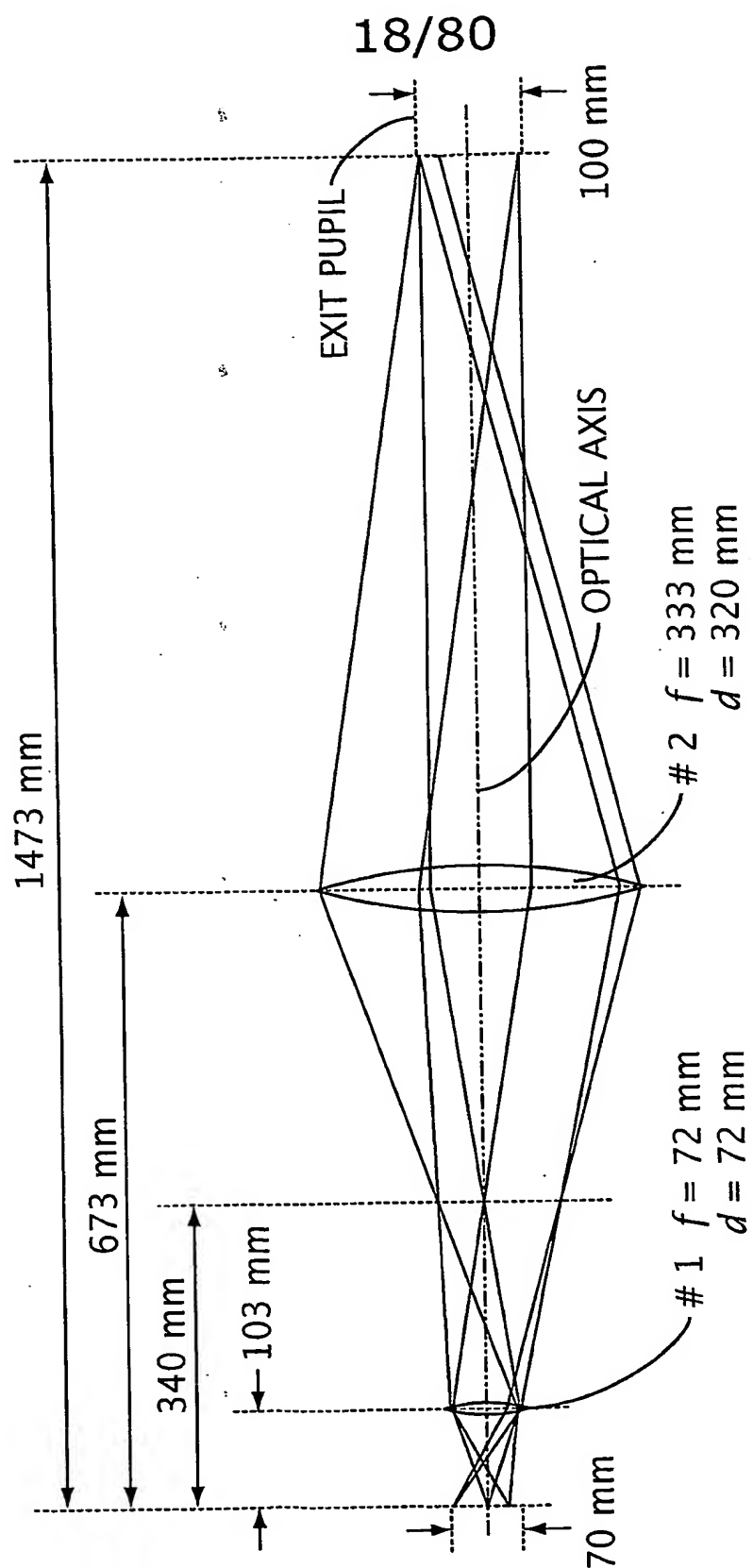


Fig. 21

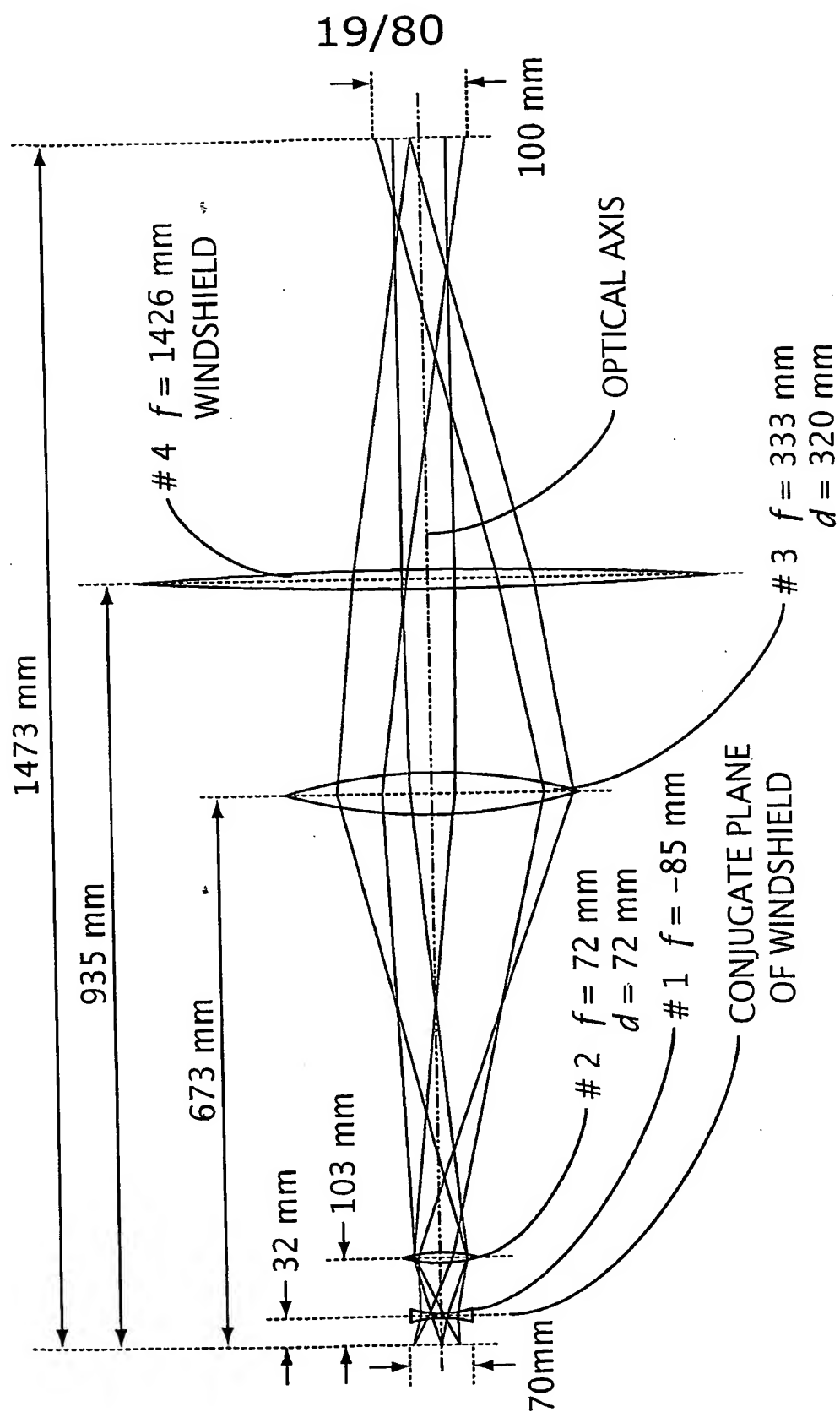
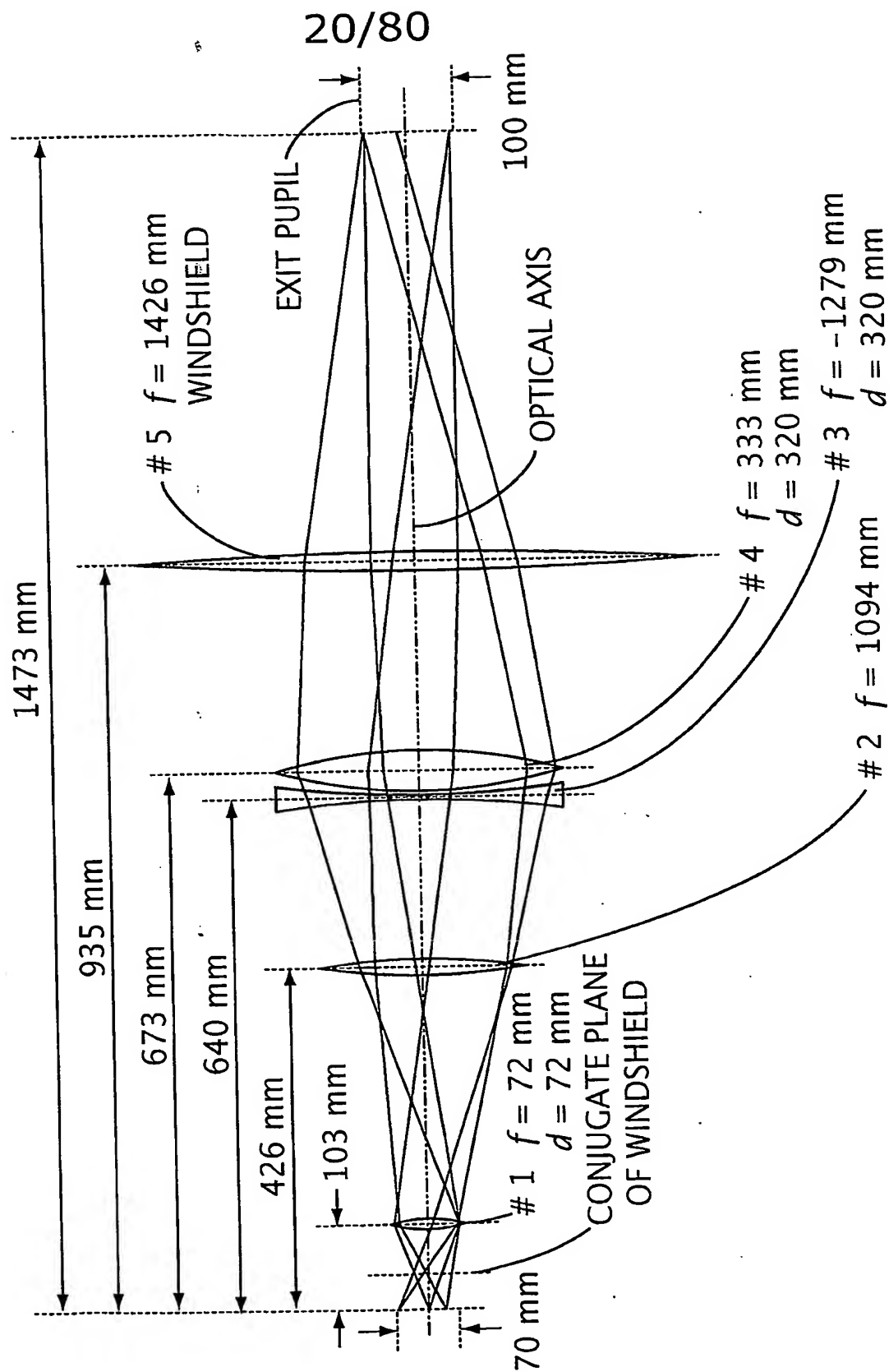
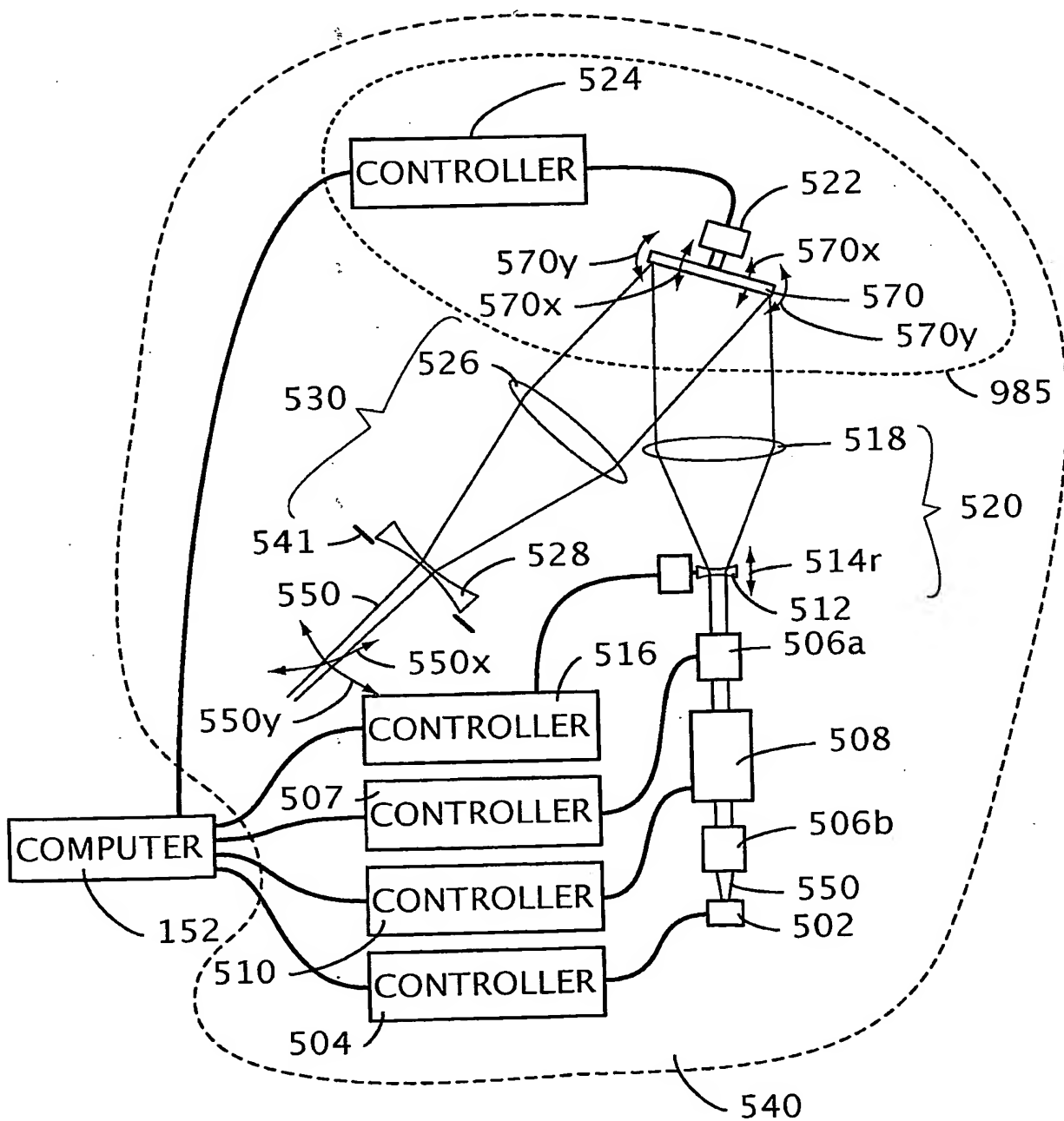


Fig. 22



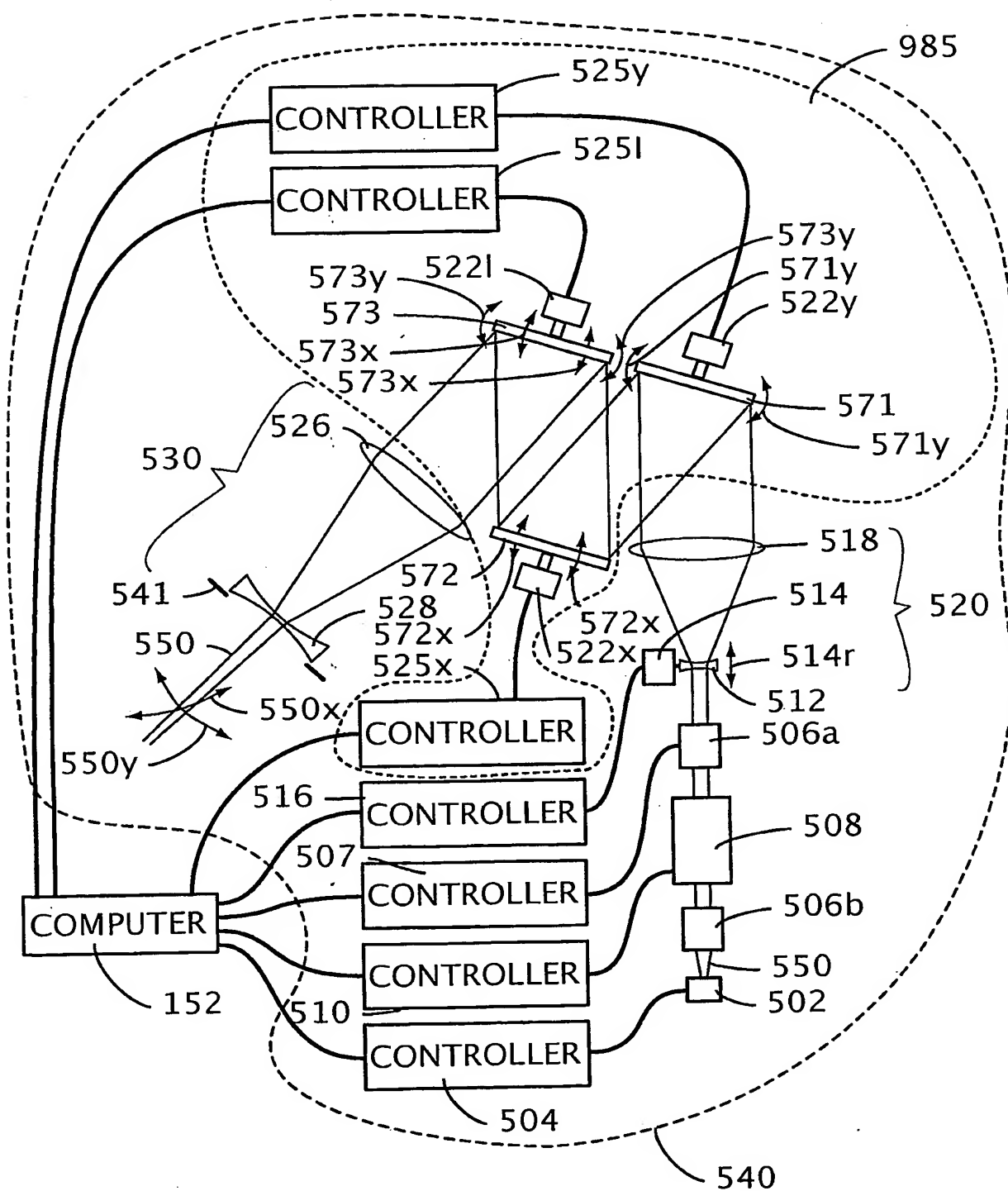
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Fig. 23



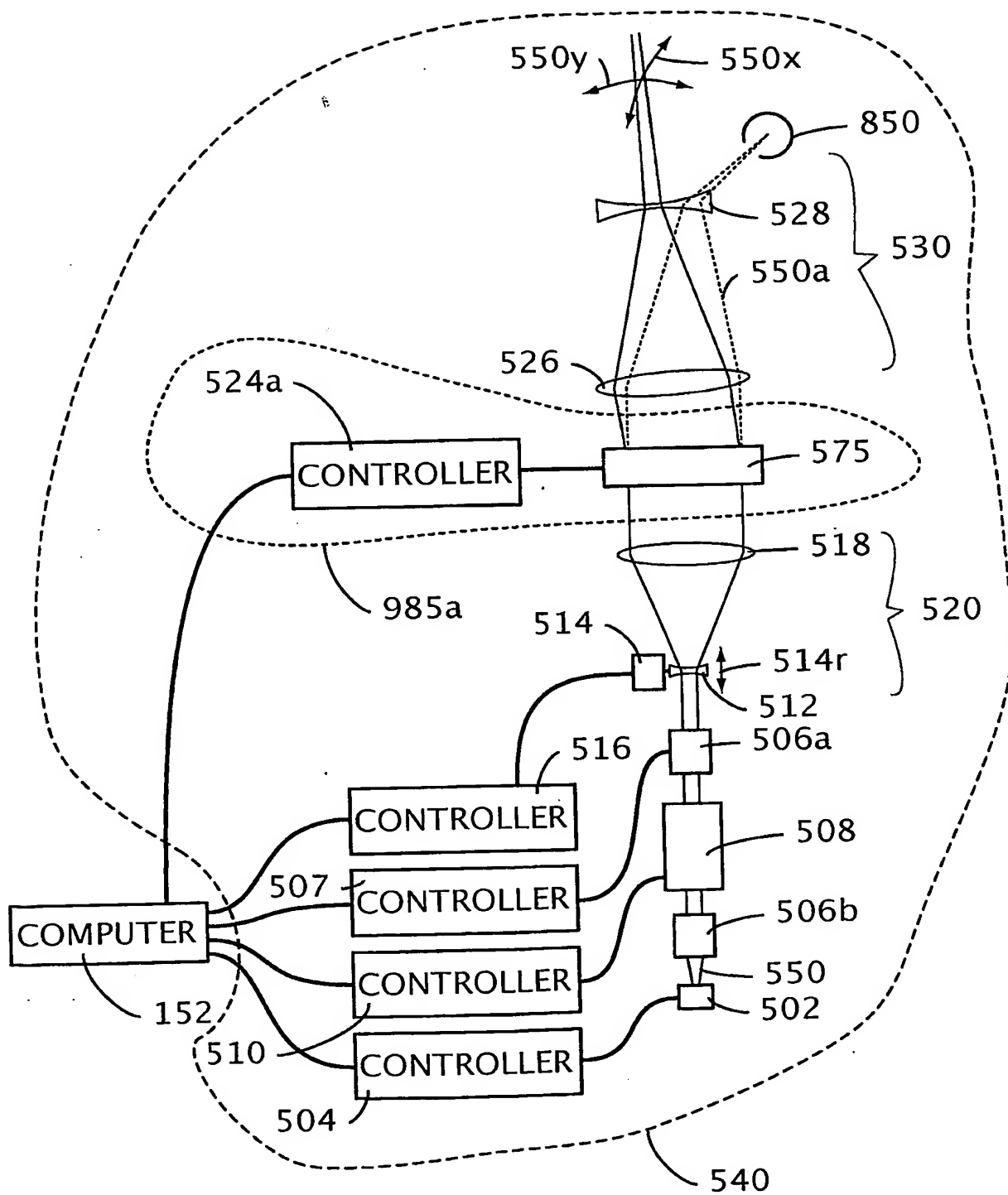
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Fig. 24



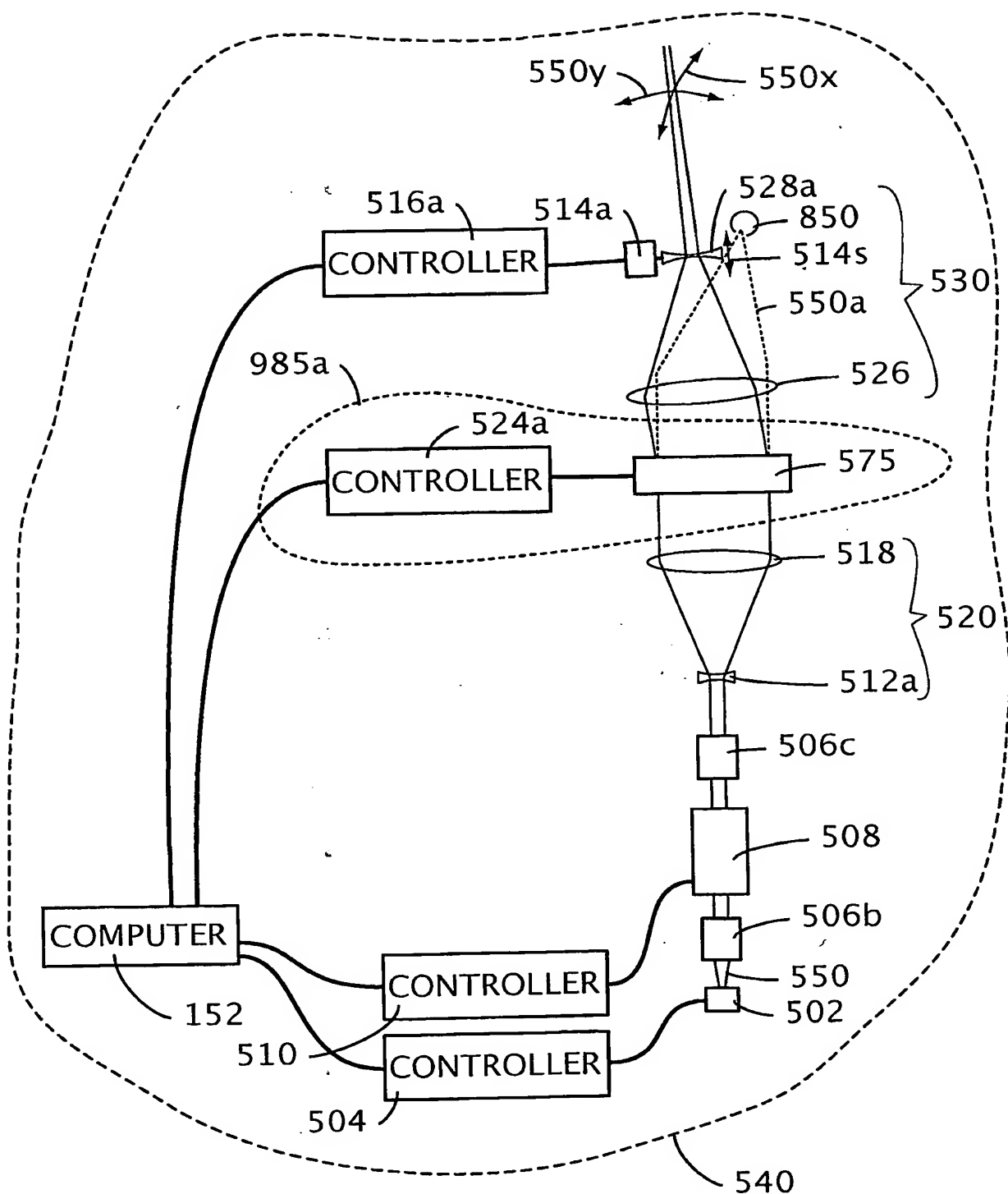
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Fig. 25



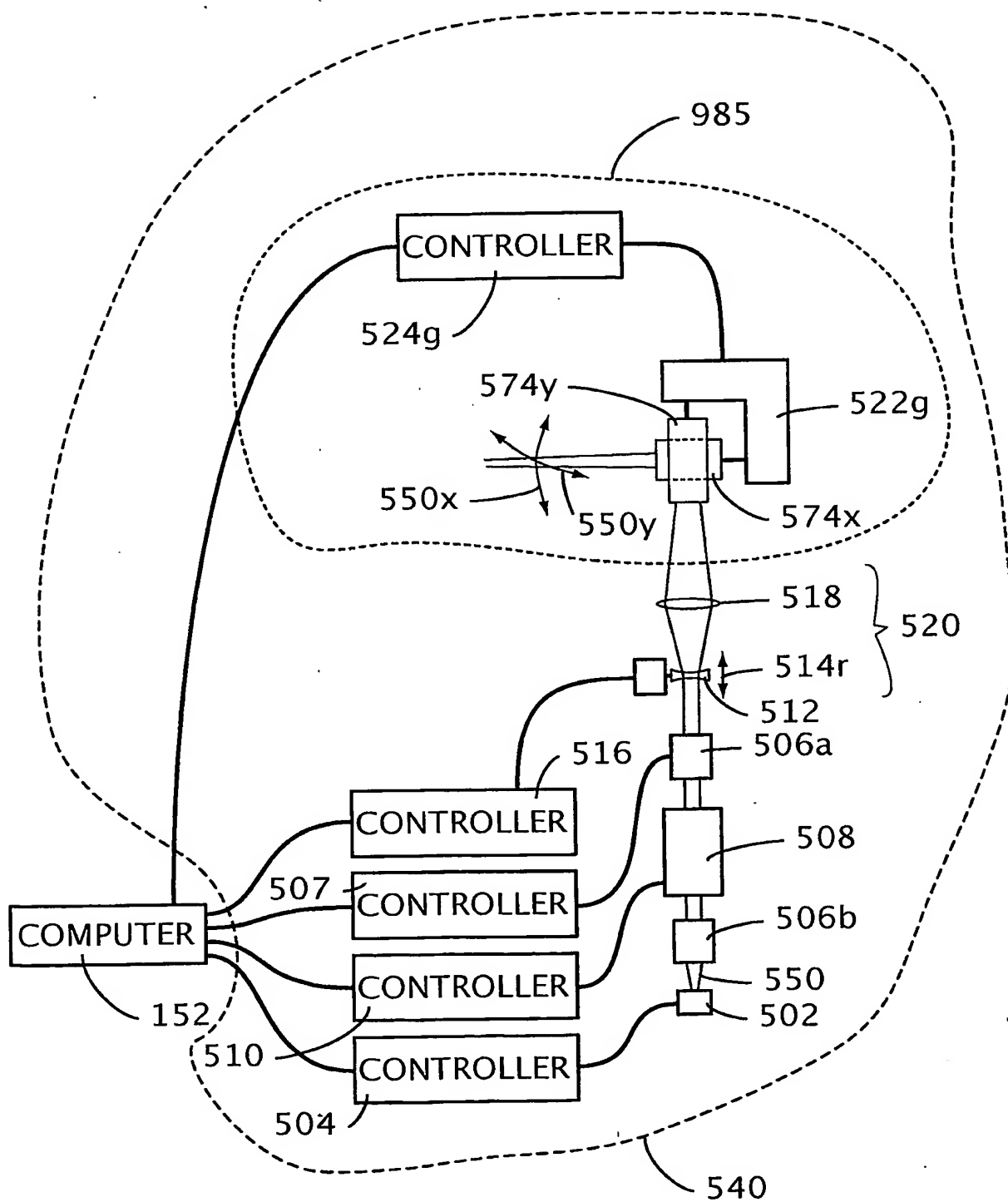
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Fig. 26



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Fig. 27



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Fig. 28

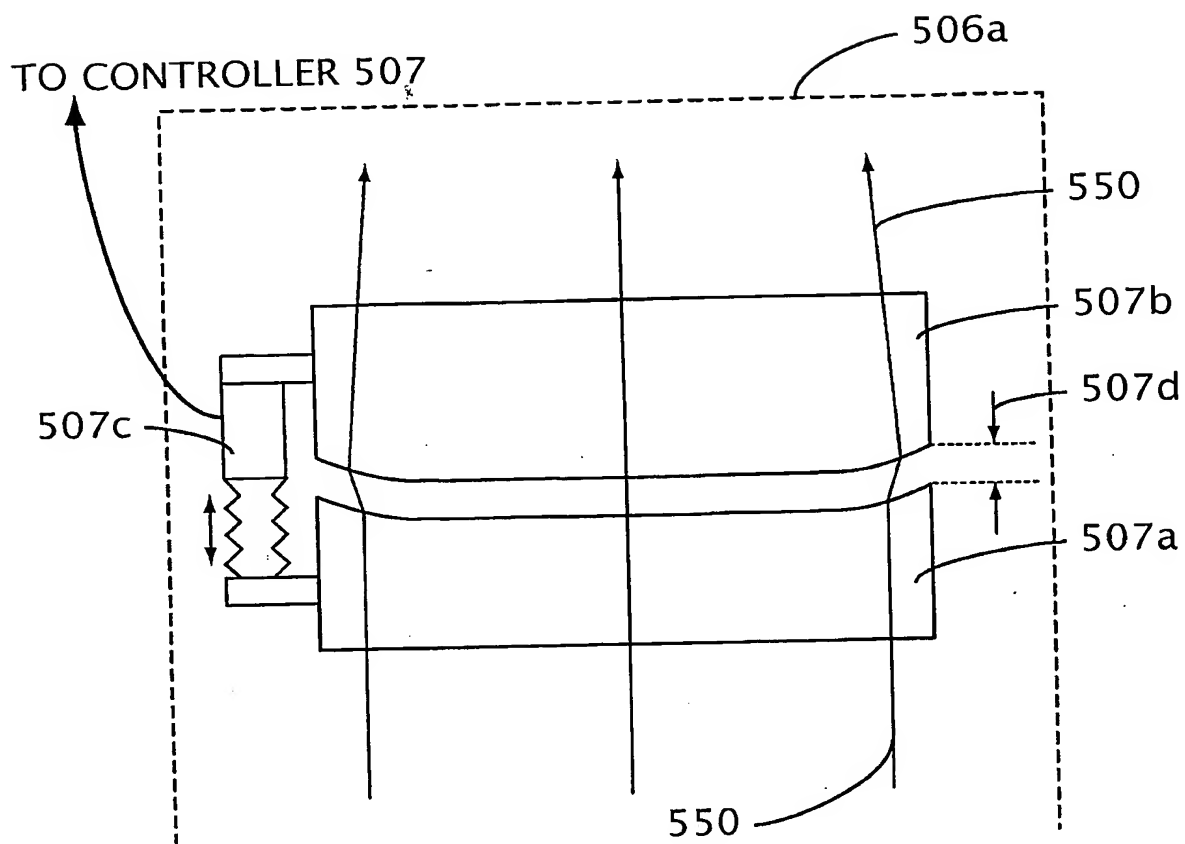
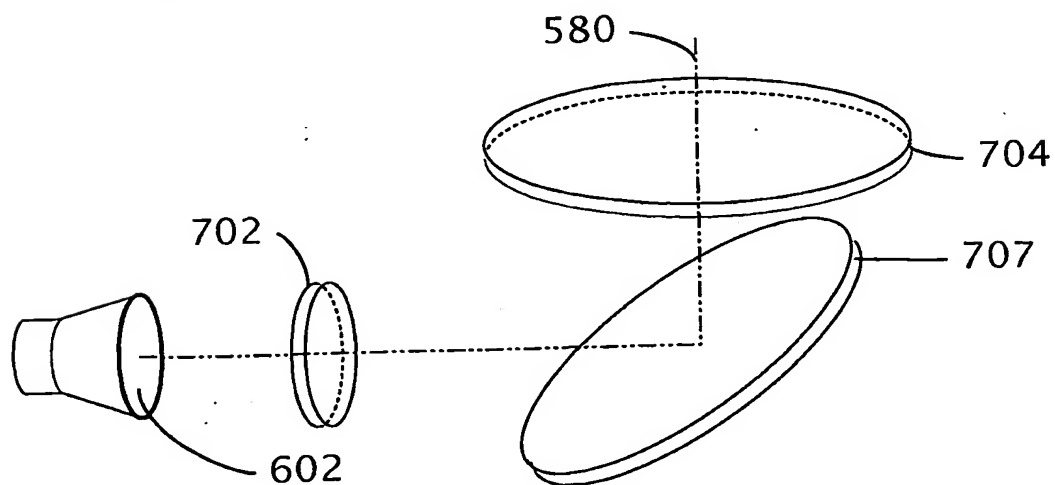


Fig. 29



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Fig. 30A

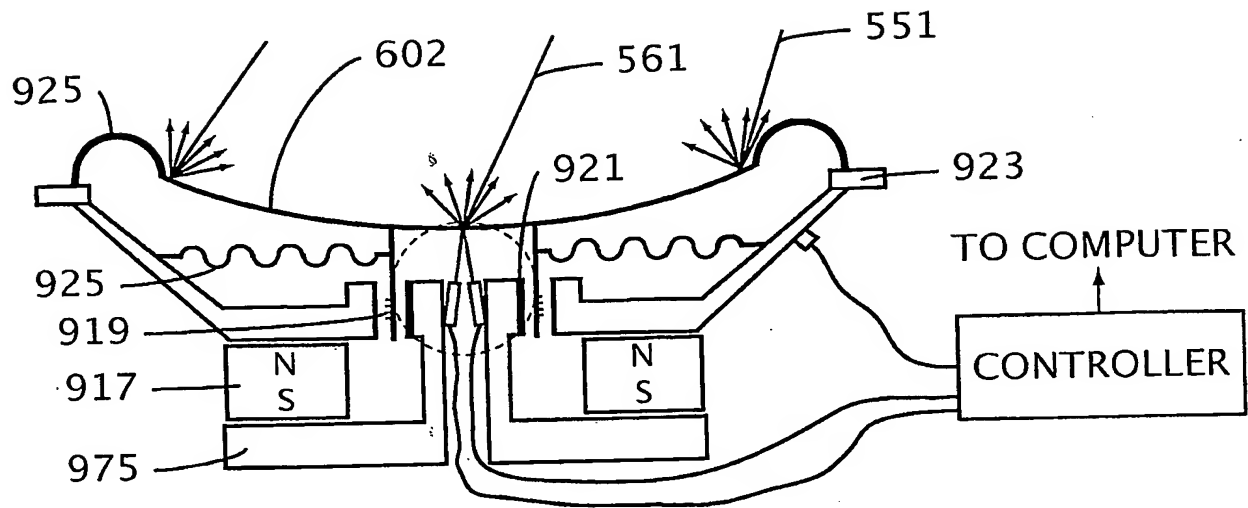
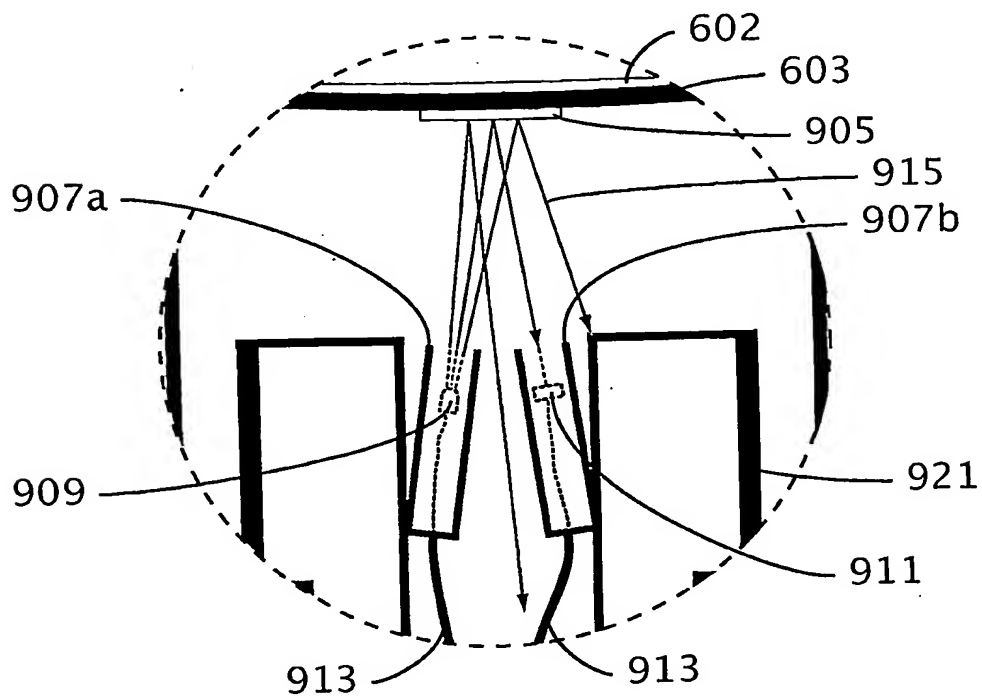


Fig. 30B



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Fig. 30C

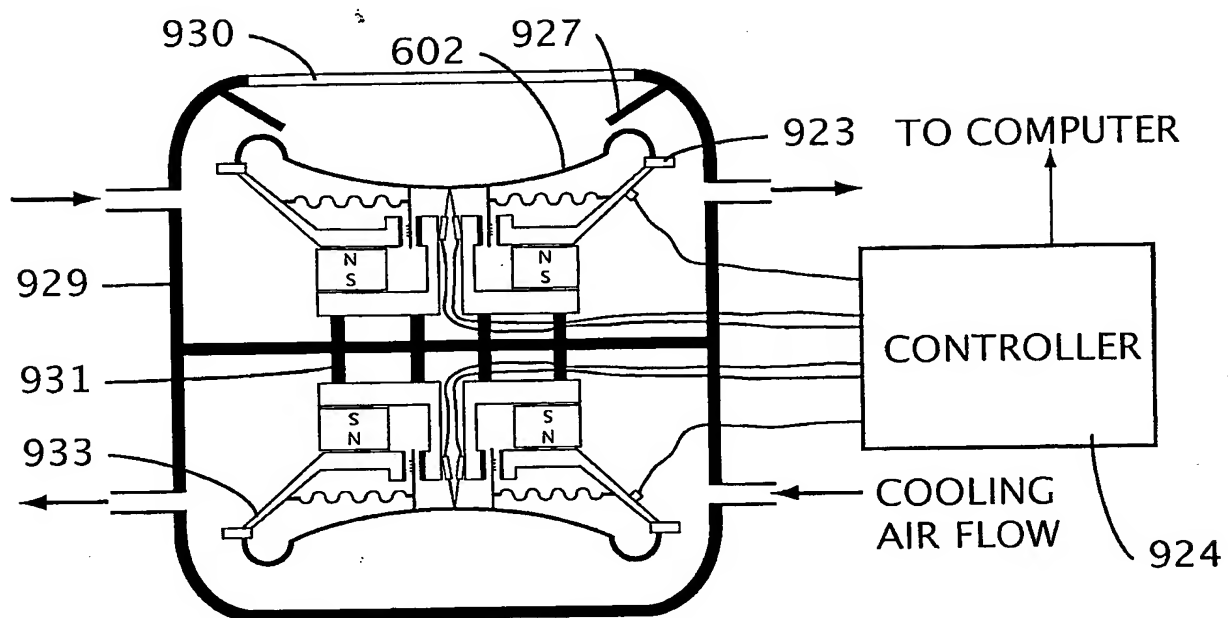
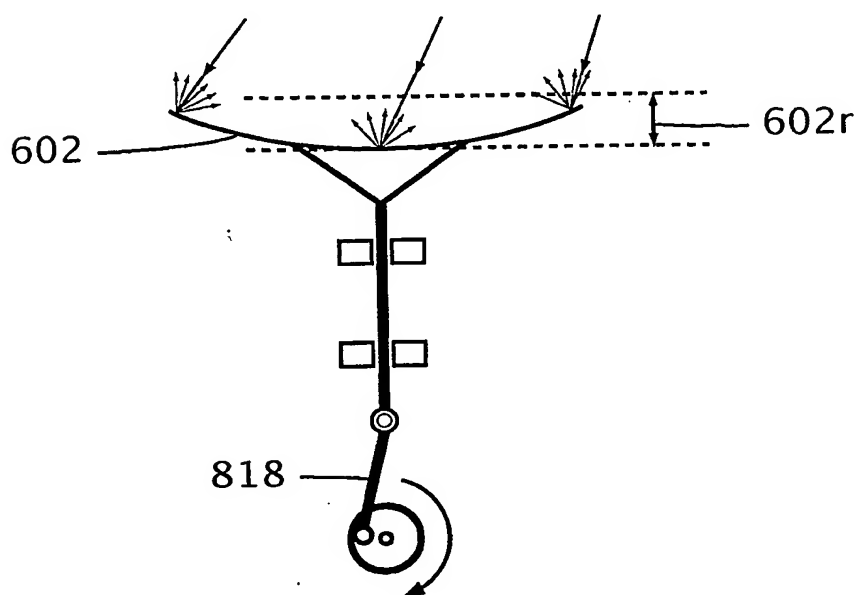


Fig. 31



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Fig. 32

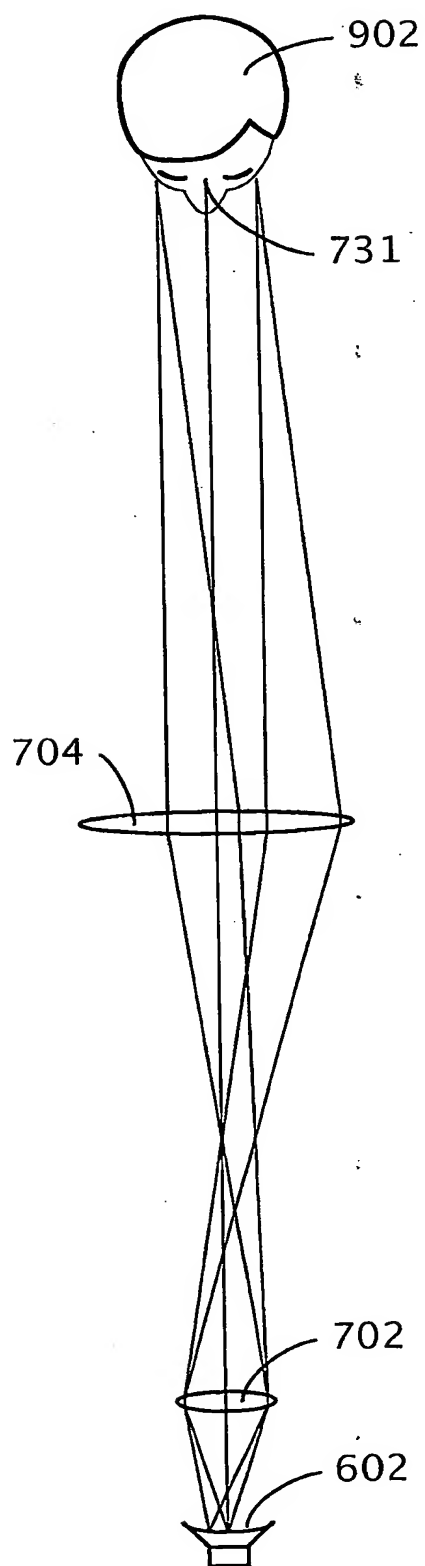
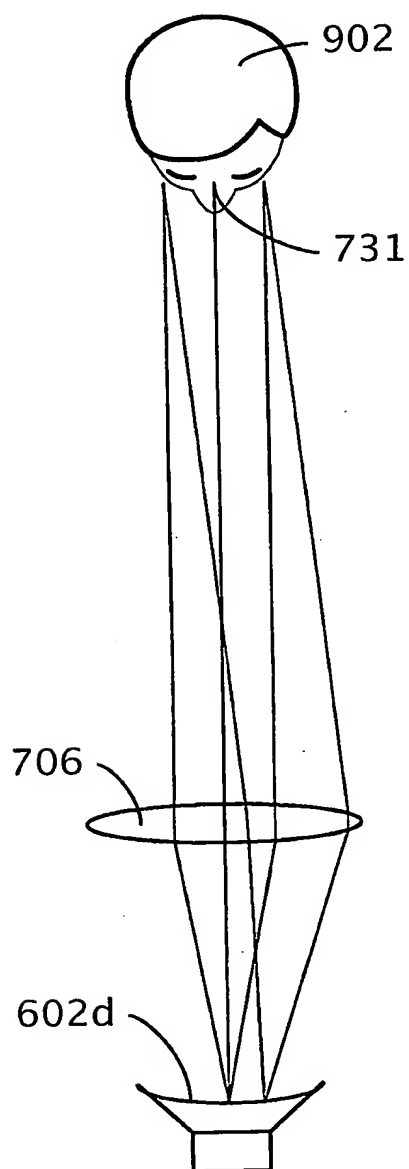


Fig. 33



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Fig. 34

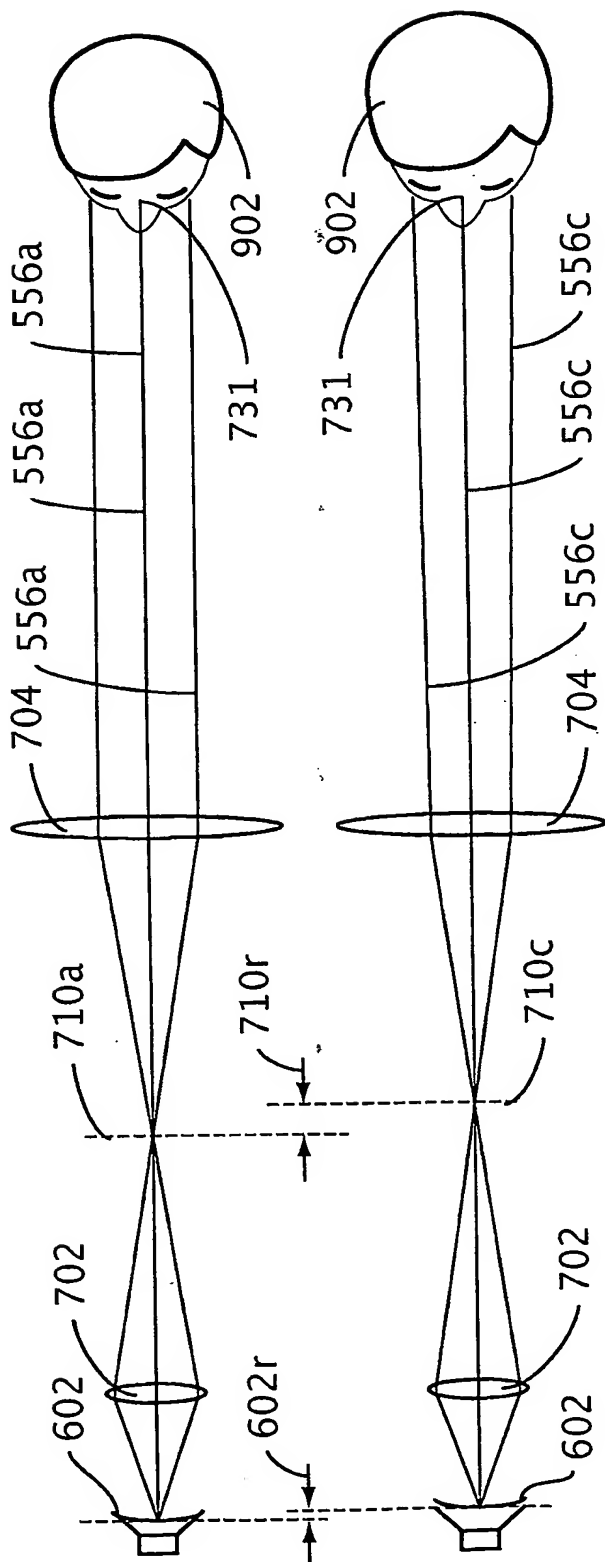
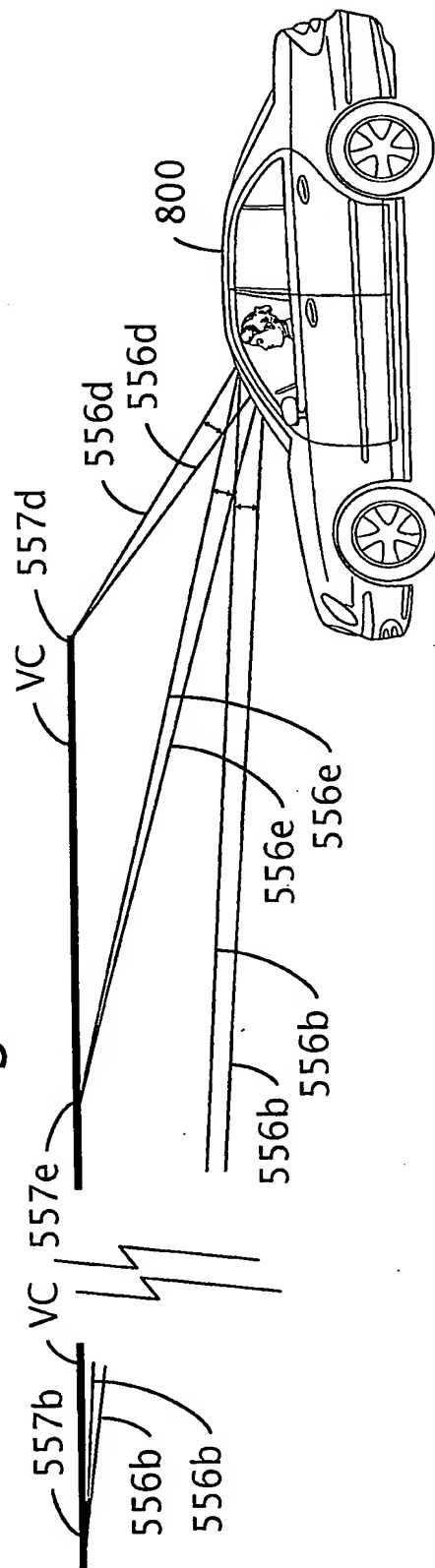


Fig. 35



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Fig. 36A

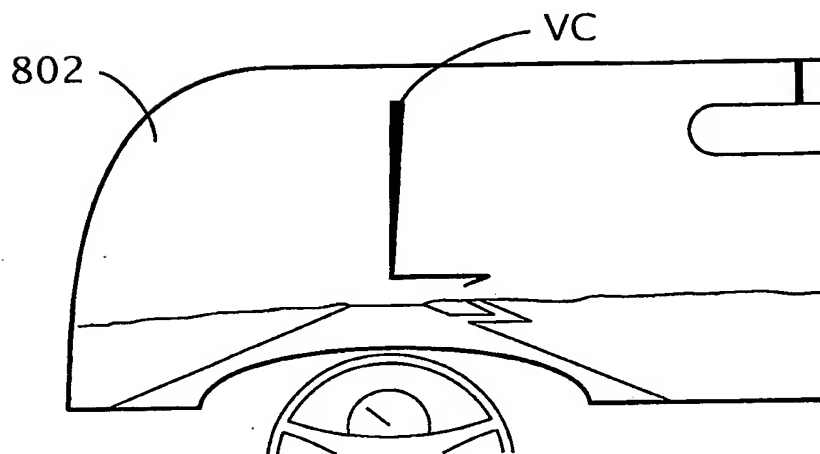


Fig. 36B

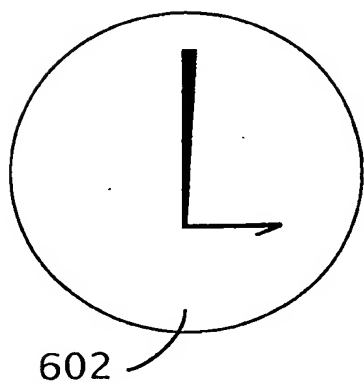


Fig. 36C

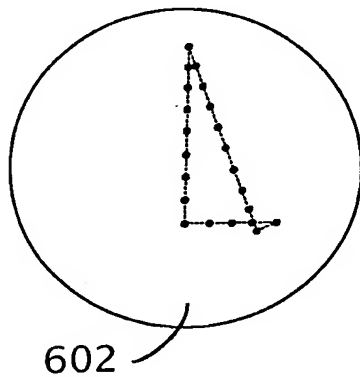
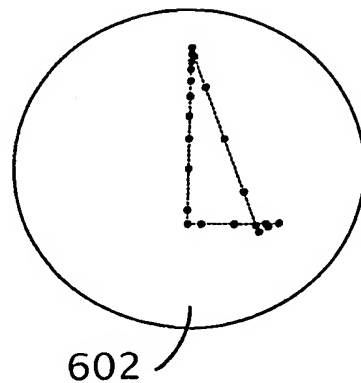


Fig. 36D



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Fig. 37

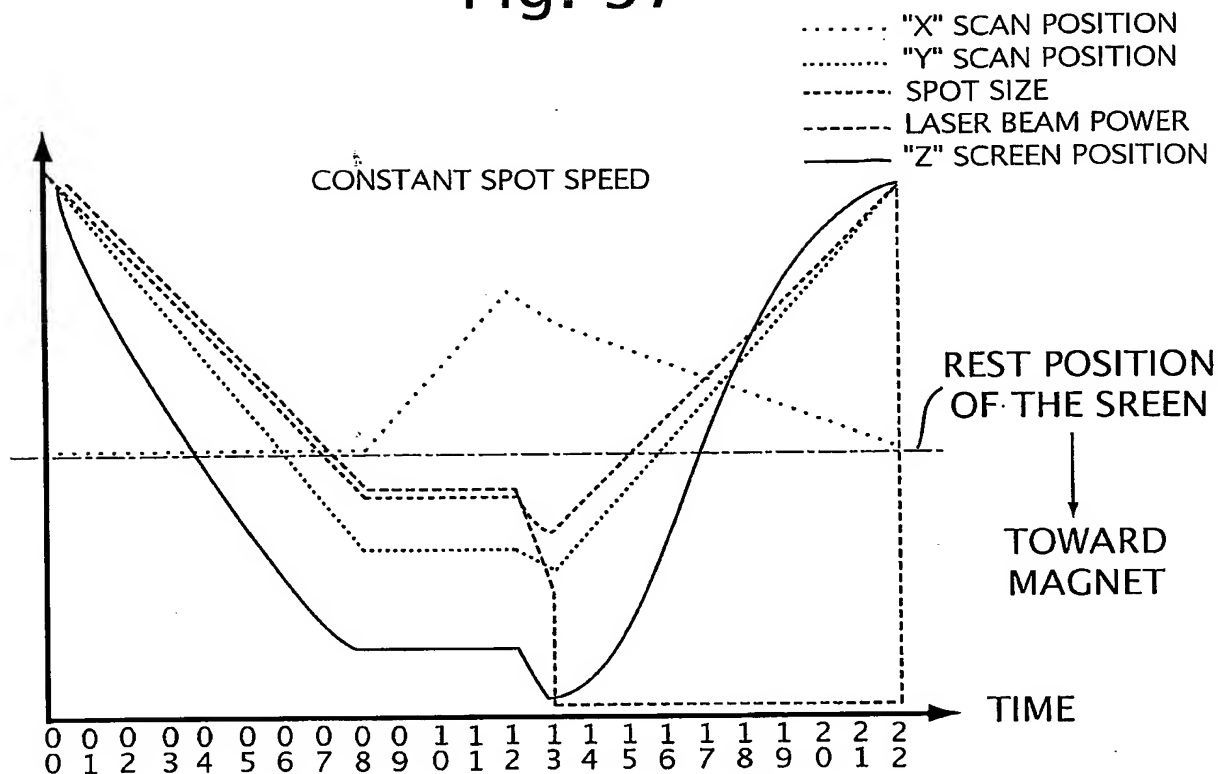
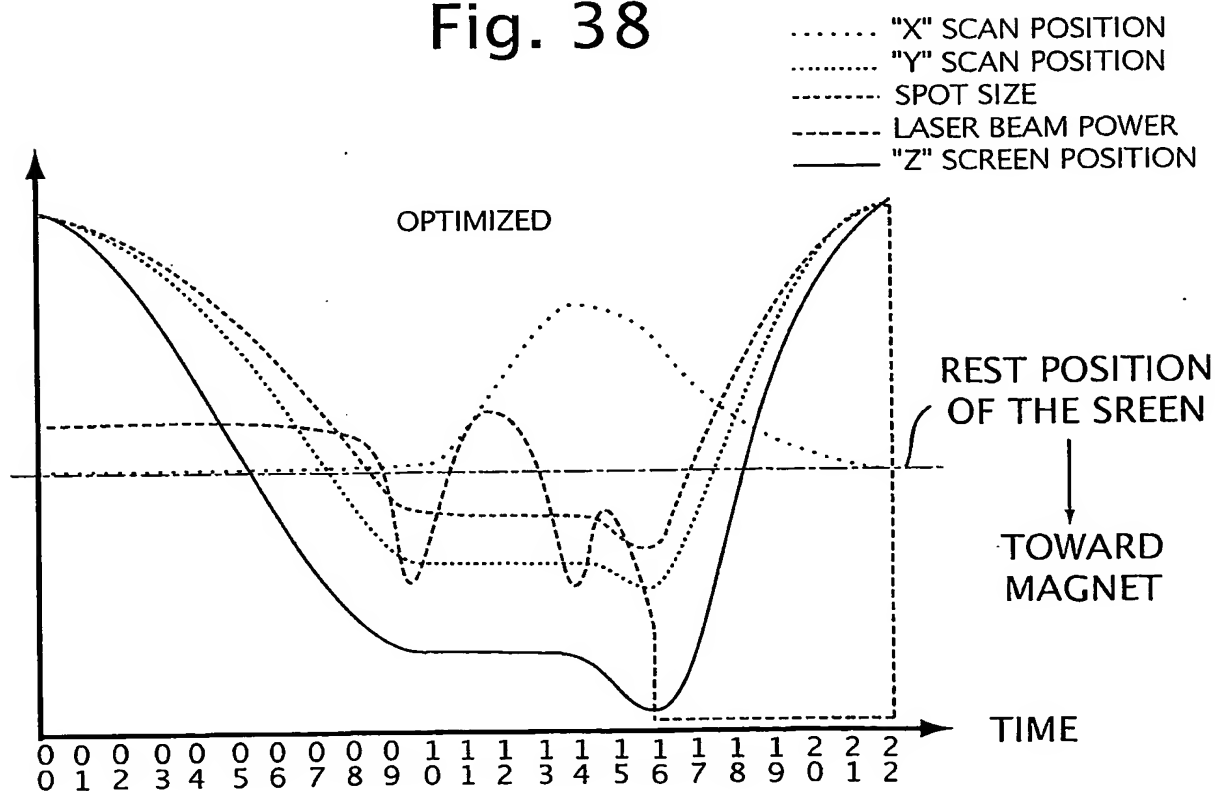


Fig. 38



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Fig. 39

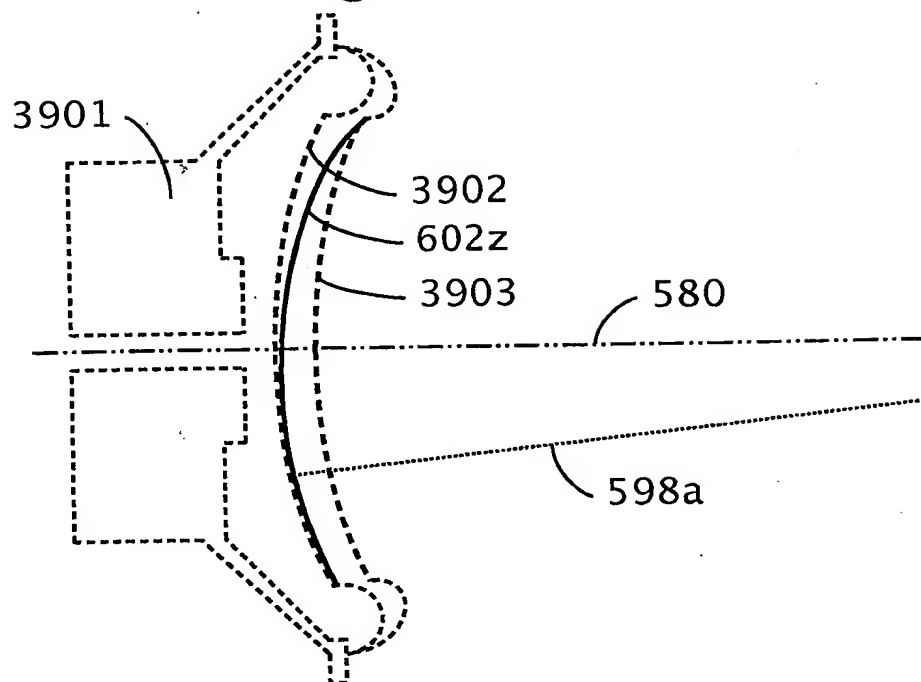
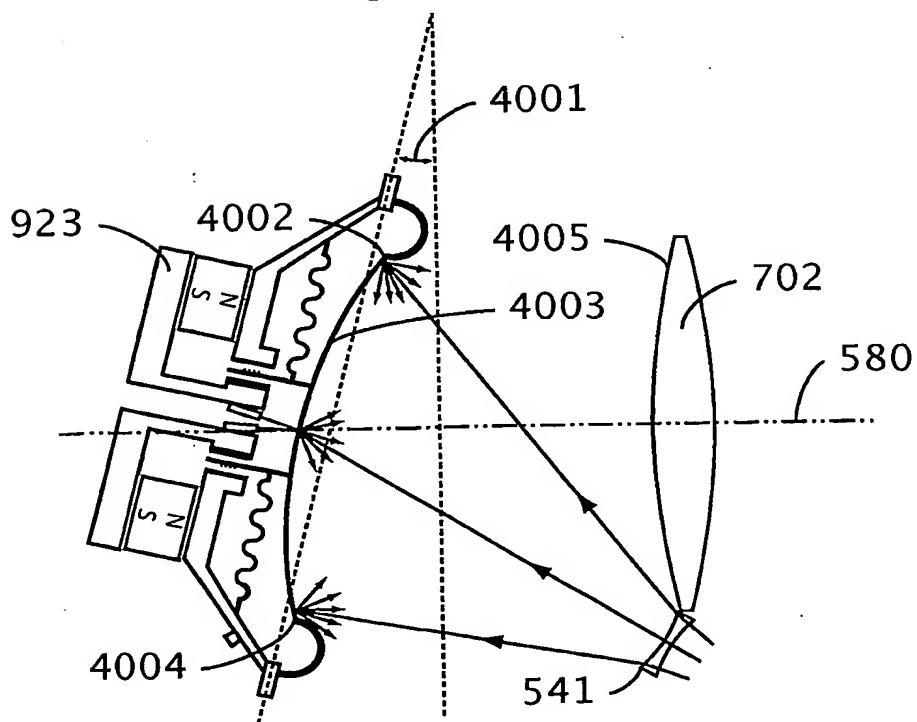


Fig. 40



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Fig. 41

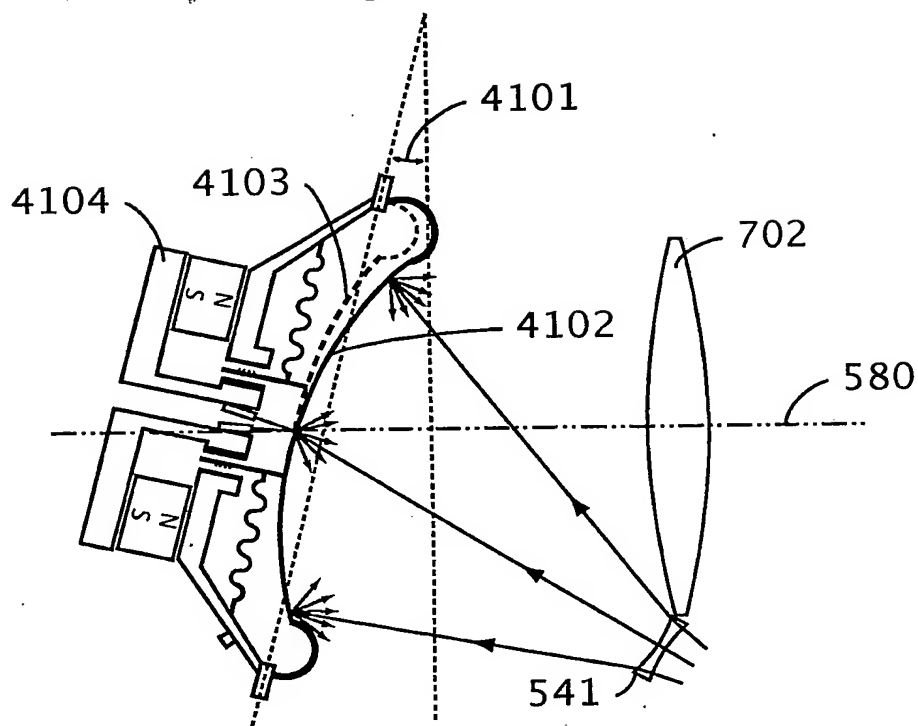


Fig. 42A

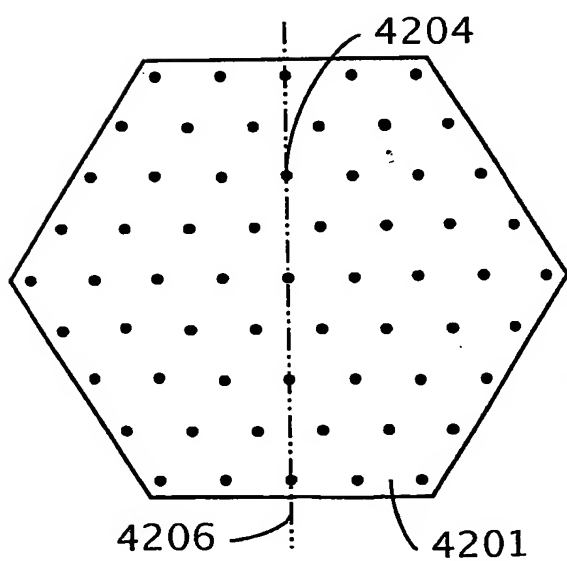
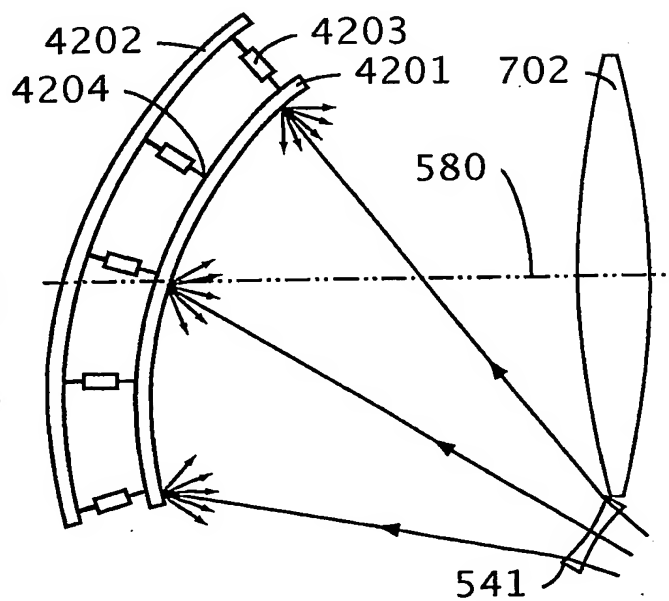


Fig. 42B



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Fig. 43A

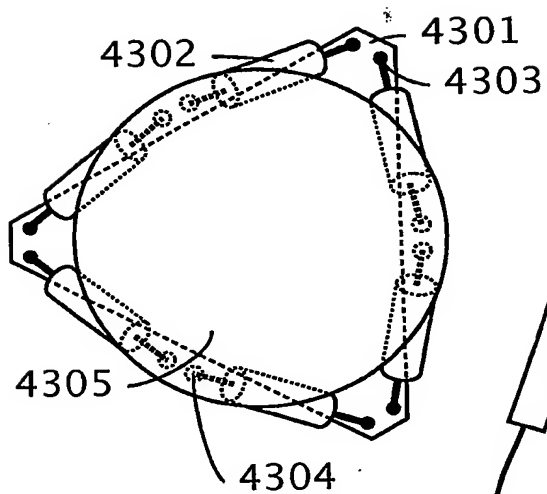


Fig. 43B

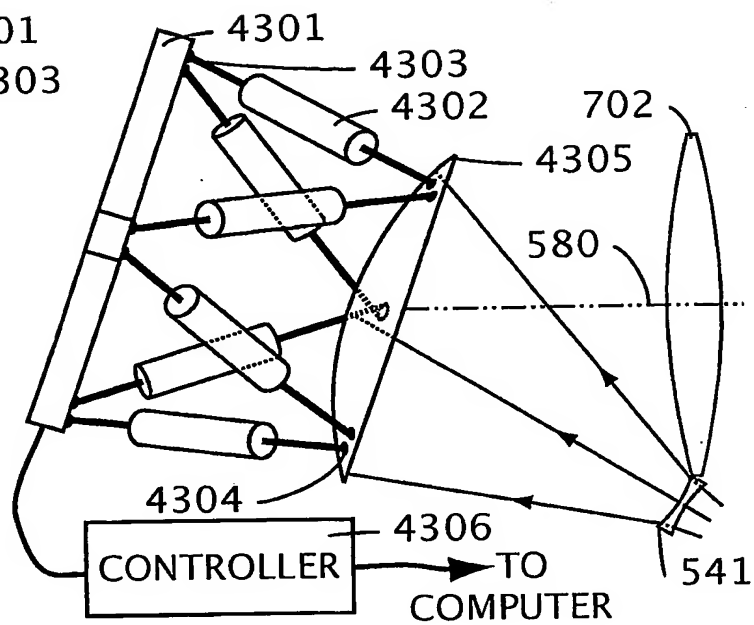
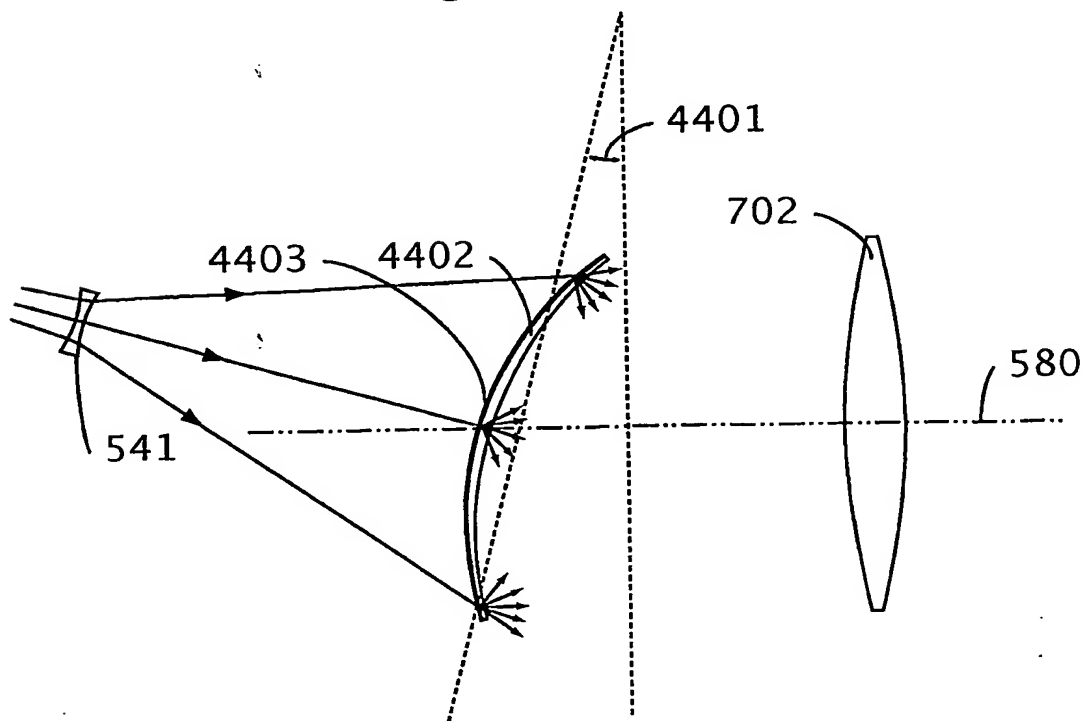


Fig. 44



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Fig. 45

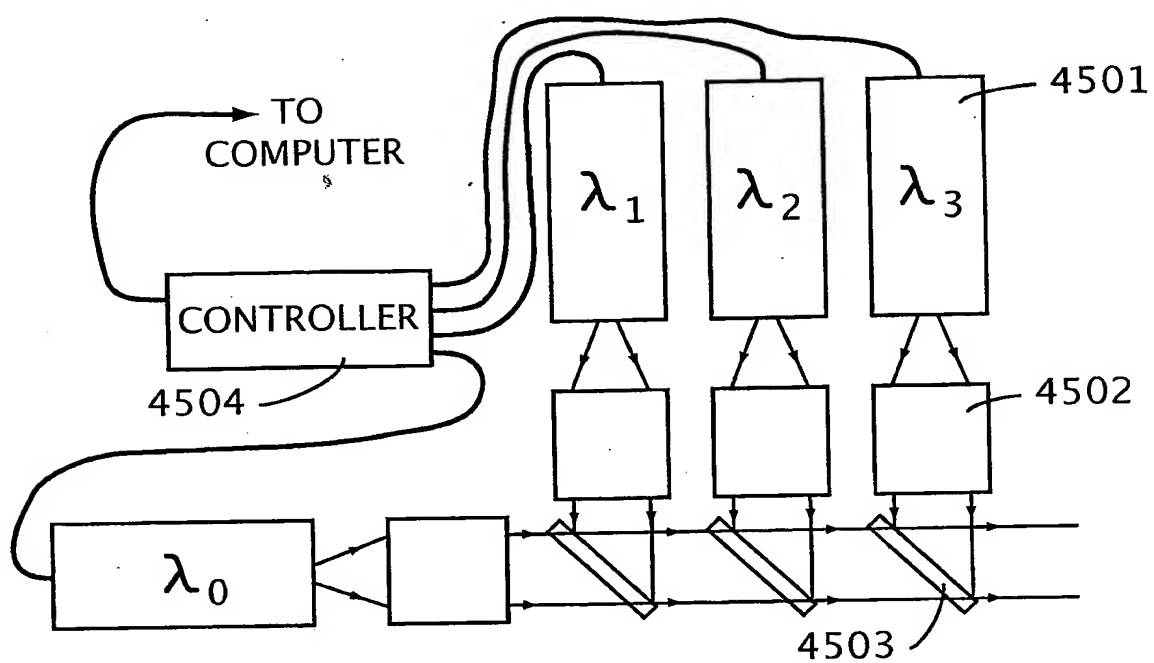
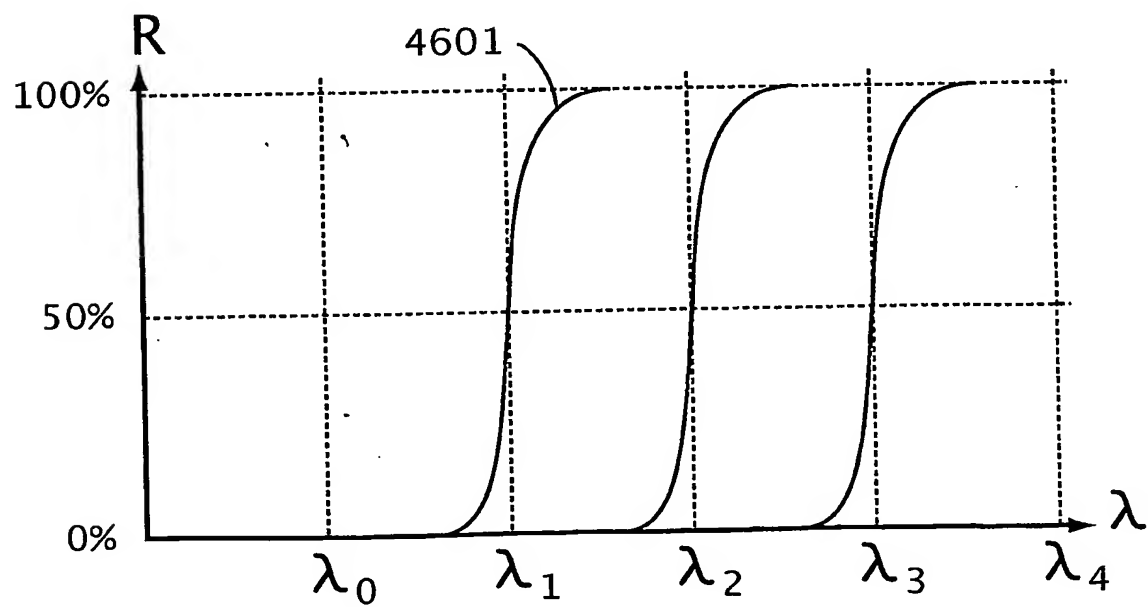


Fig. 46



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Fig. 47

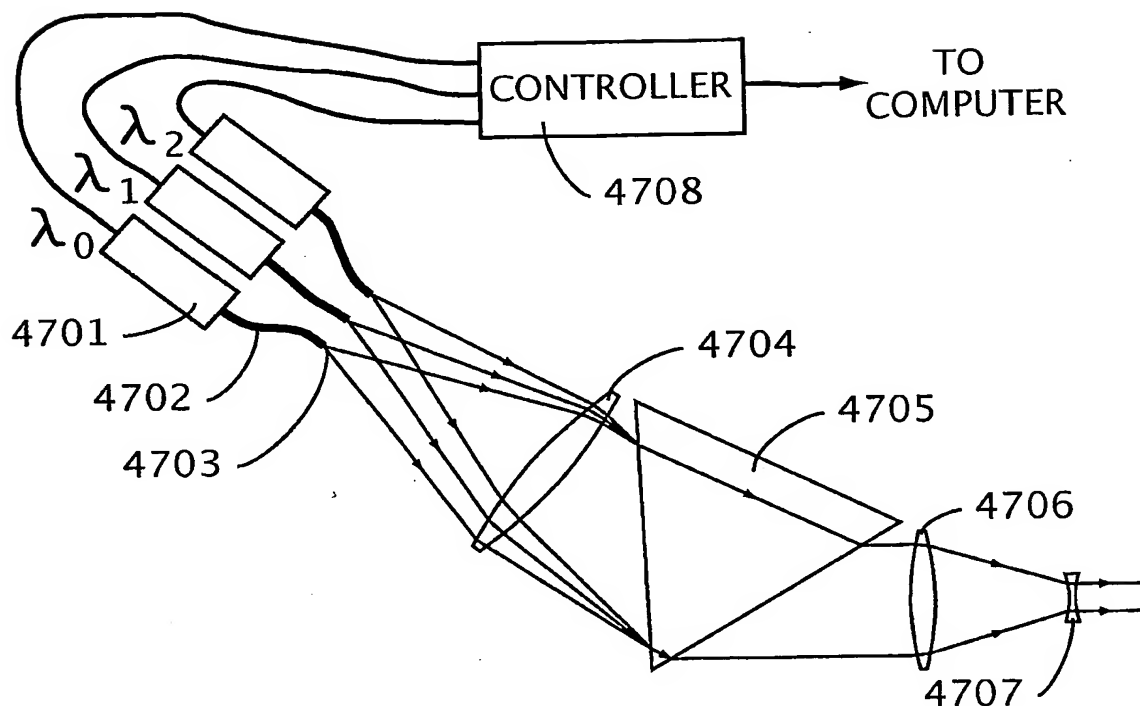
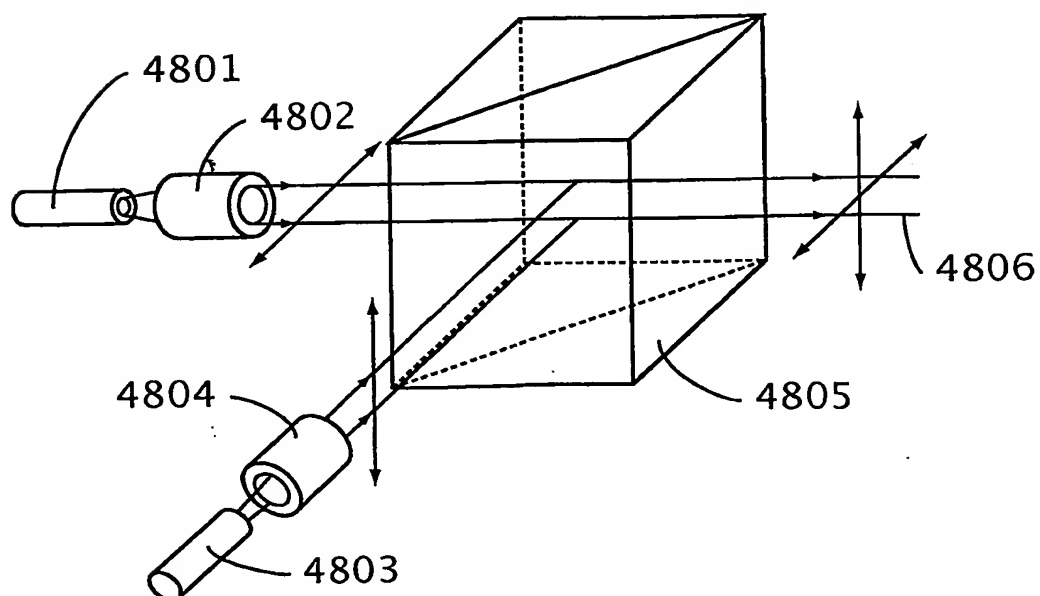


Fig. 48



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Fig. 49

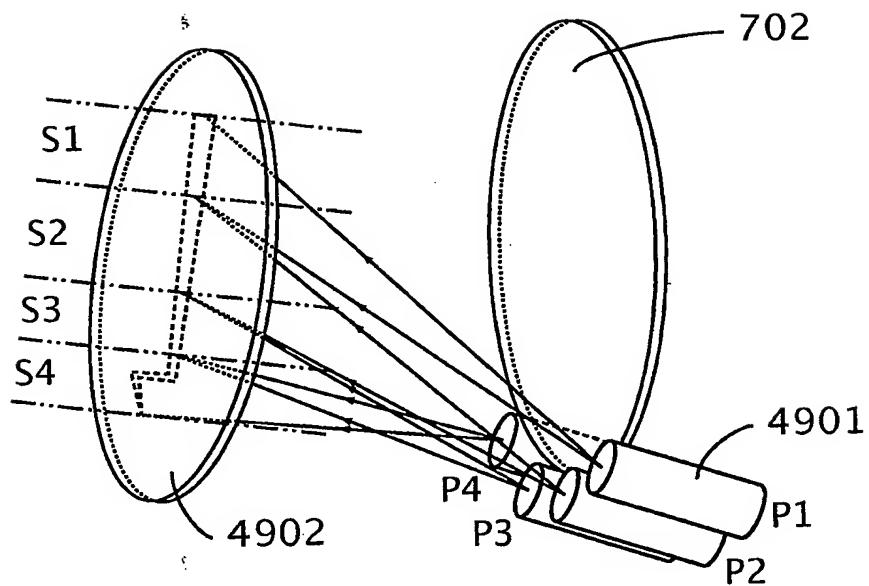


Fig. 50

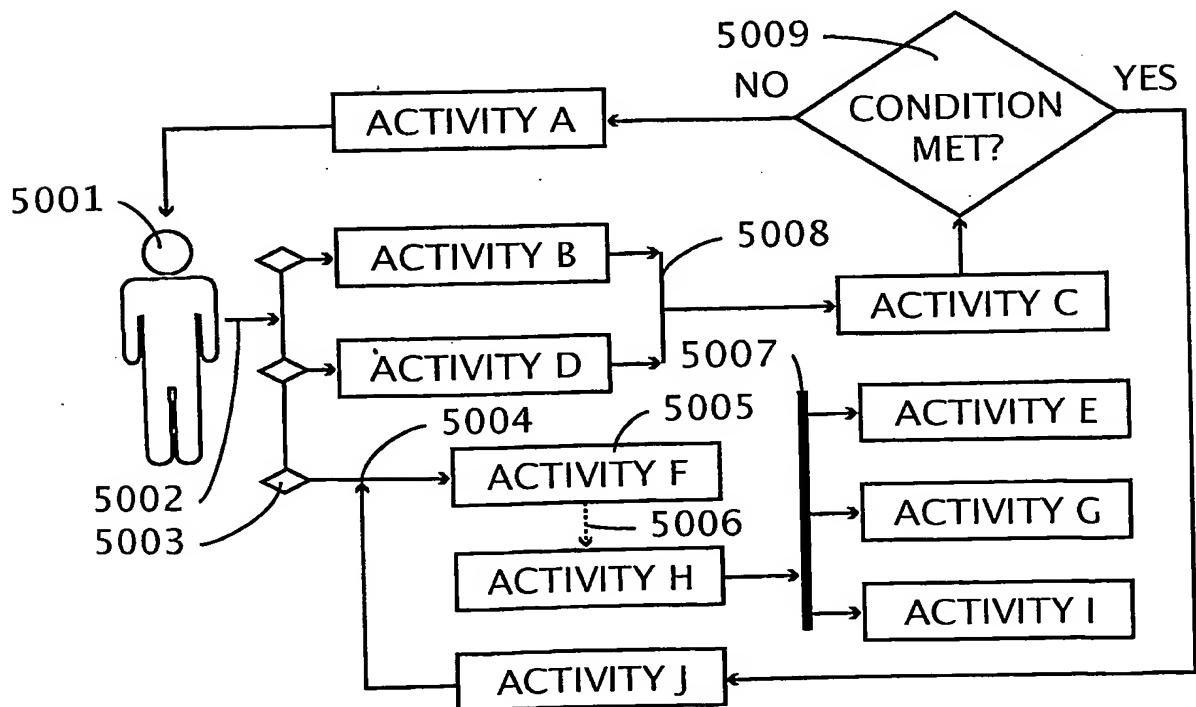


FIG. 51B

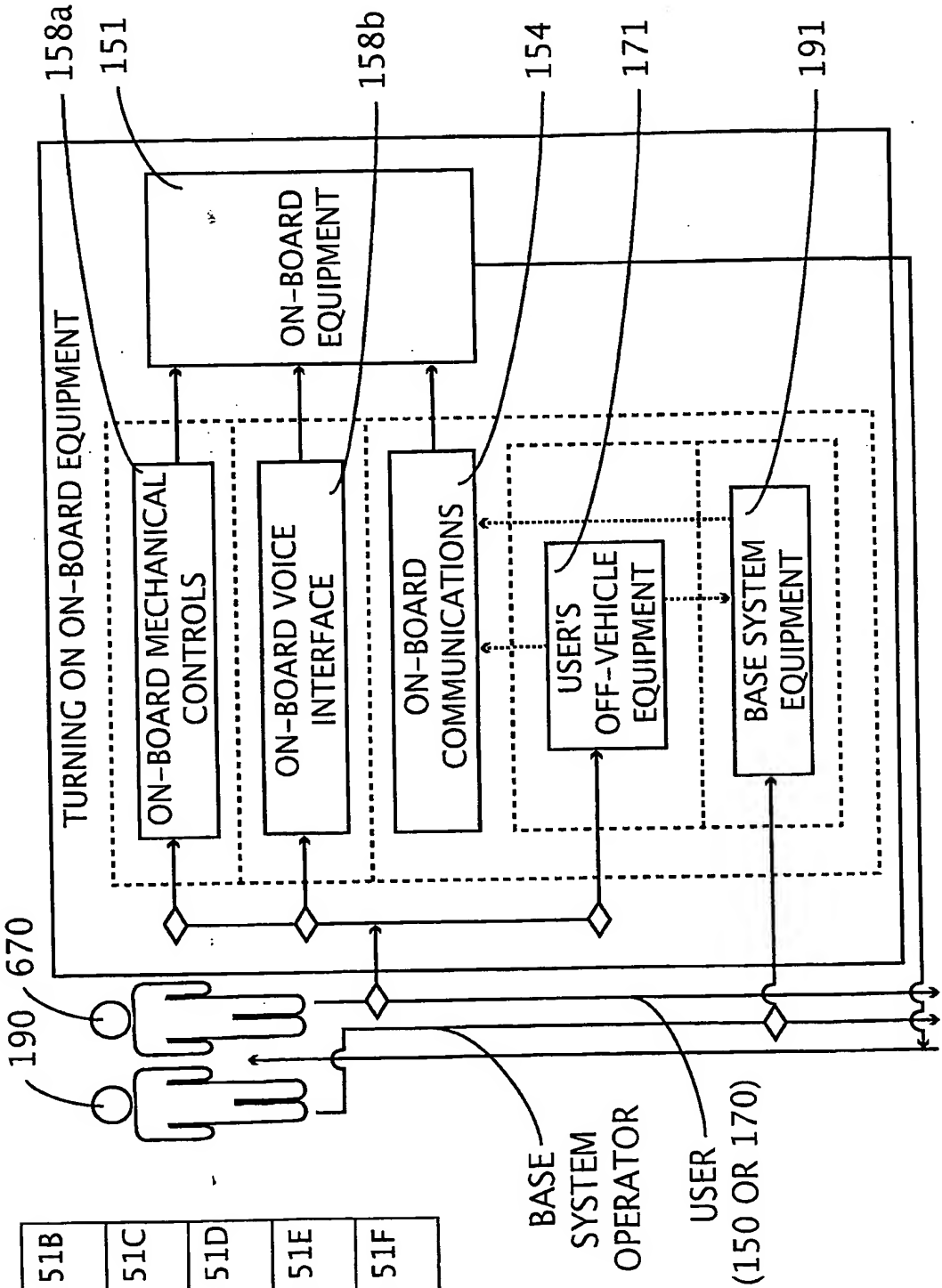
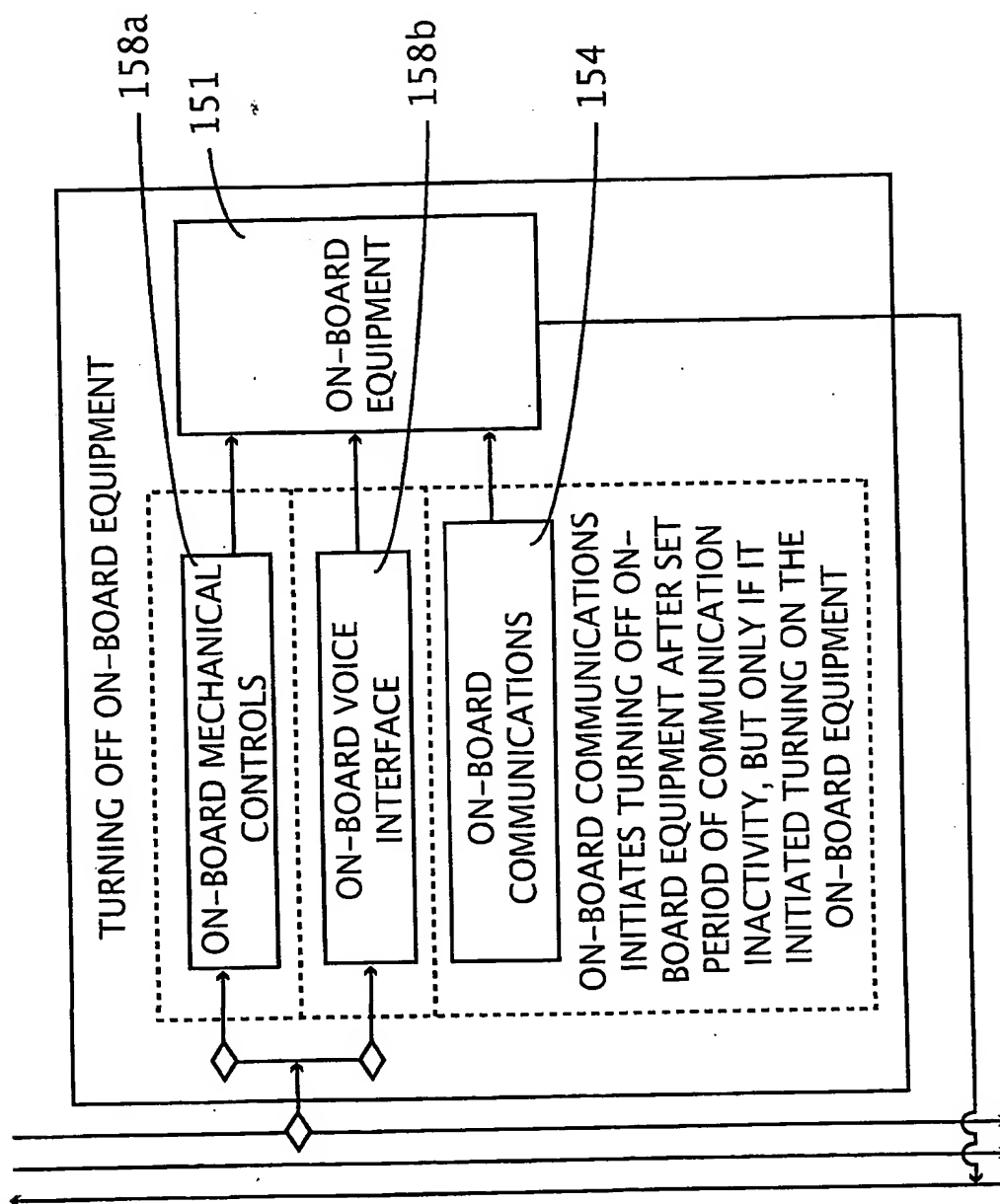


FIG. 51A

FIG. 51B
FIG. 51C
FIG. 51D
FIG. 51E
FIG. 51F

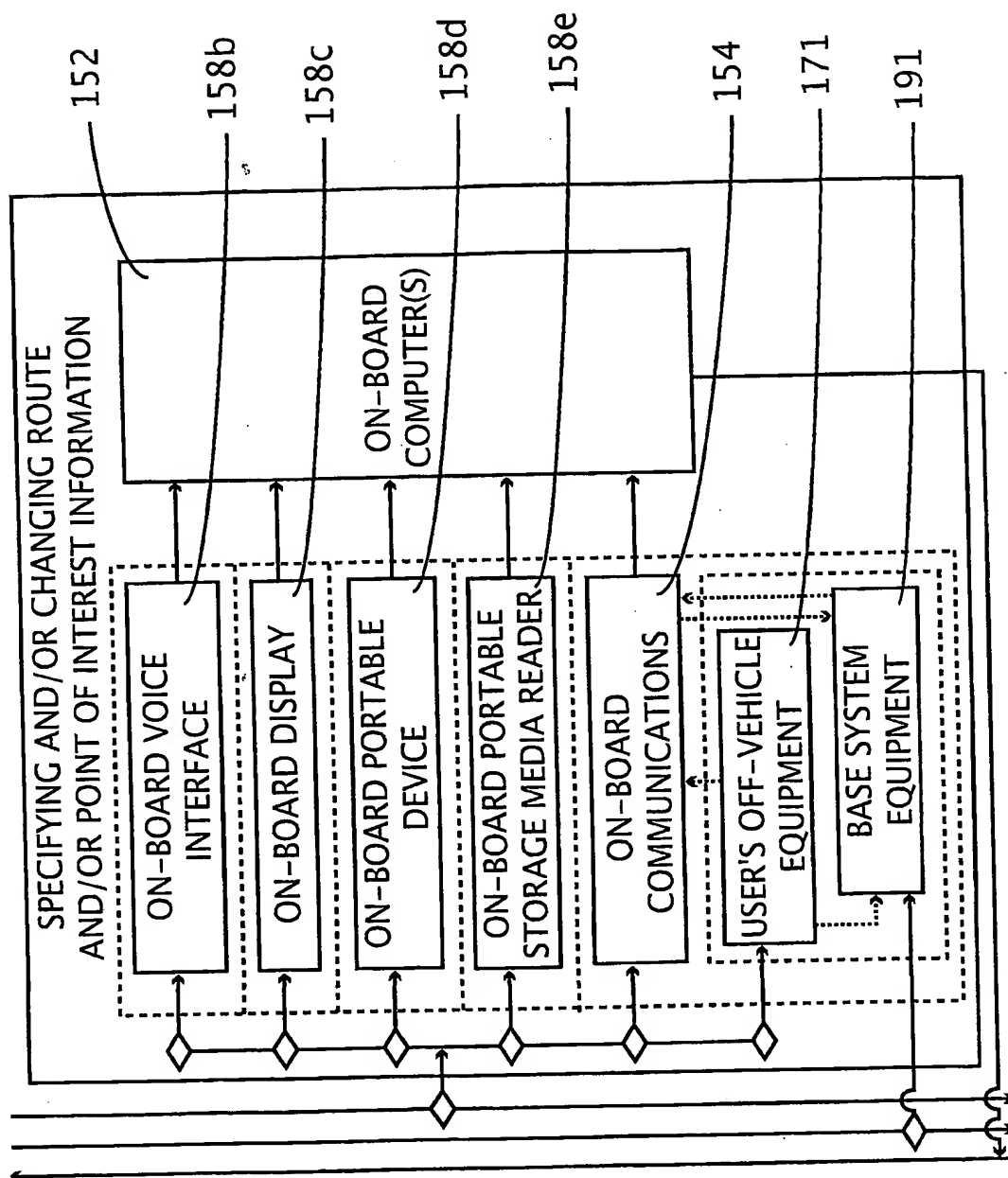
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FIG. 51C



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FIG. 51D



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FIG. 51E

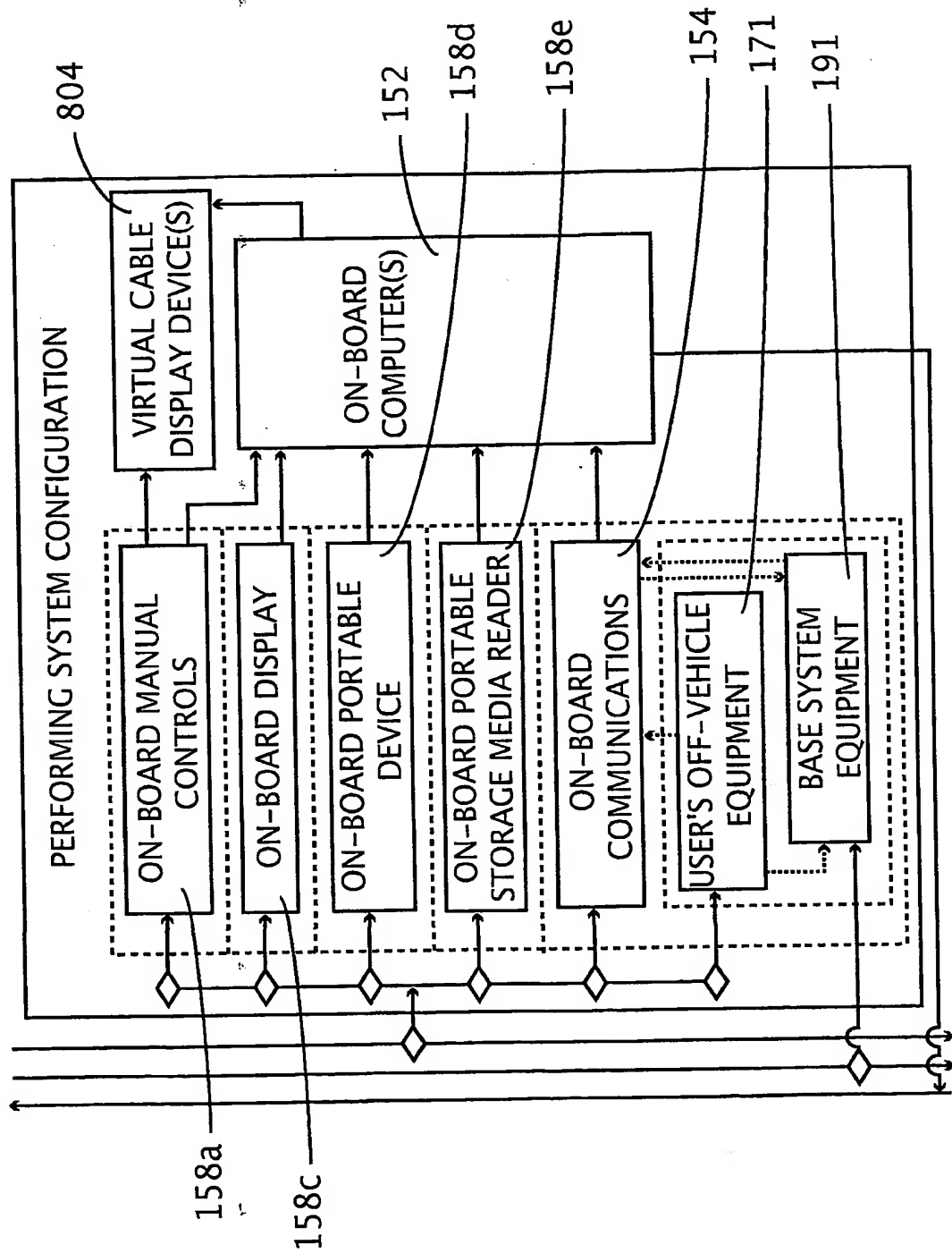
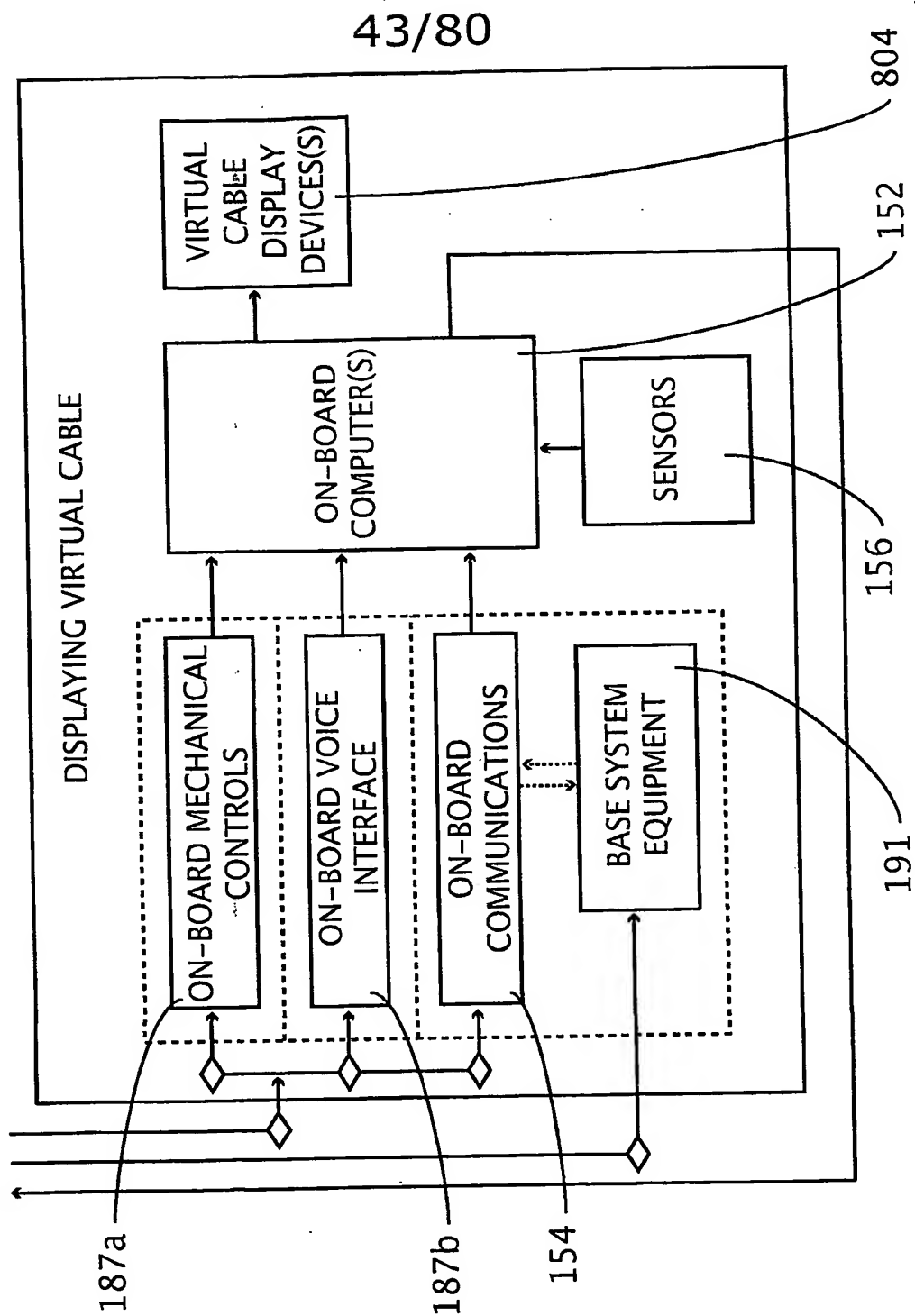


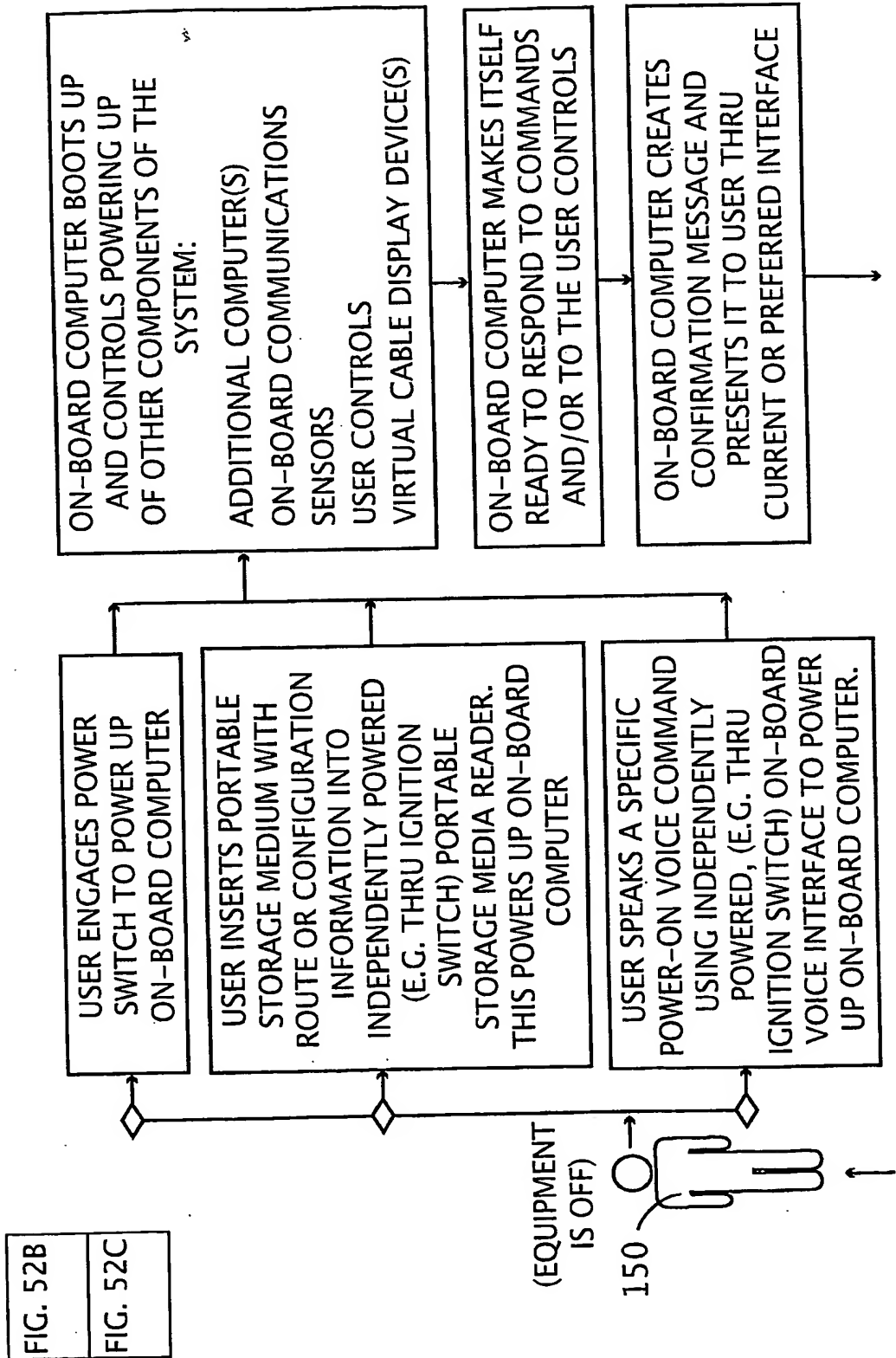
FIG. 51F



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FIG. 52B

FIG. 52A



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FIG. 52C

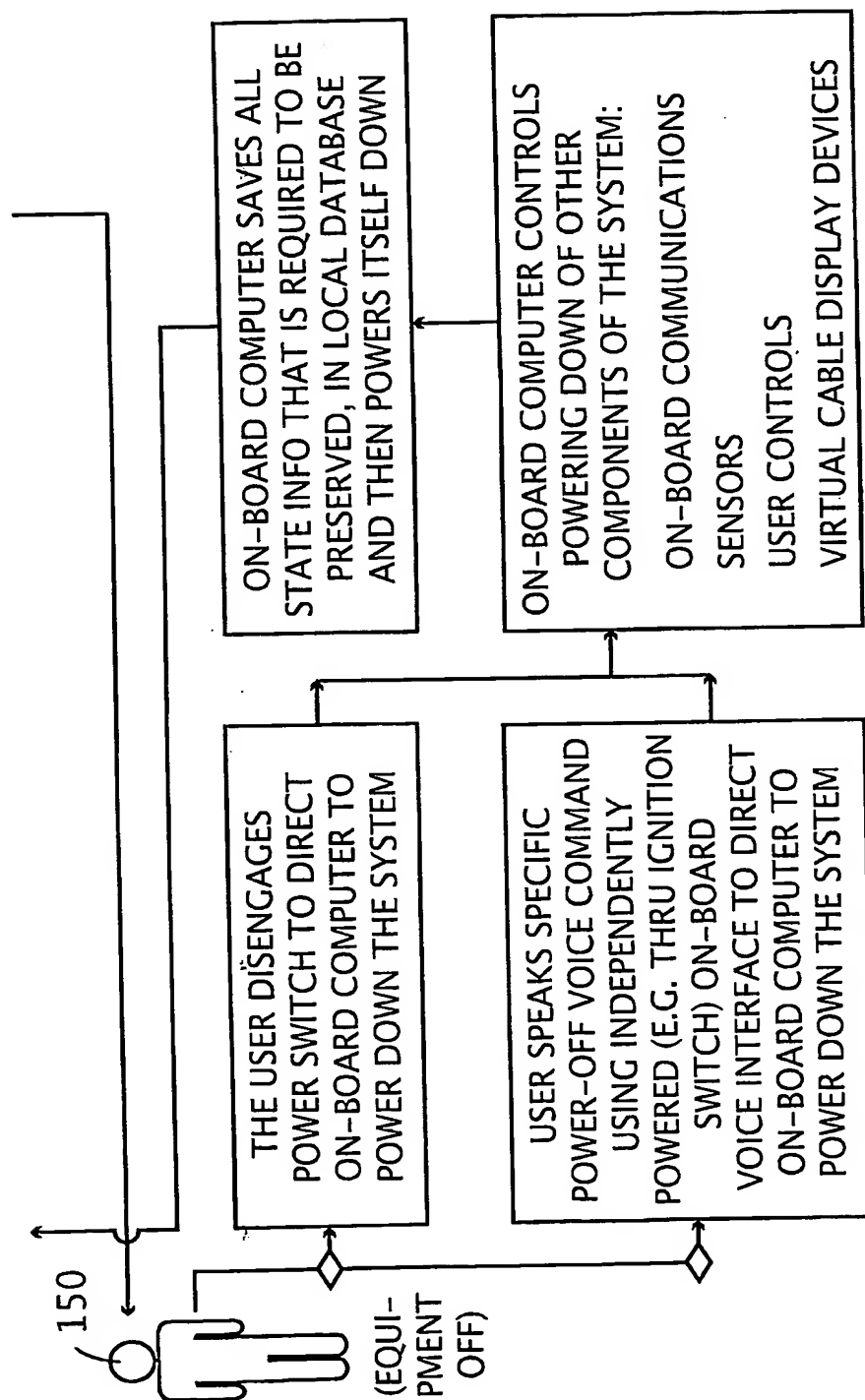


FIG. 53B

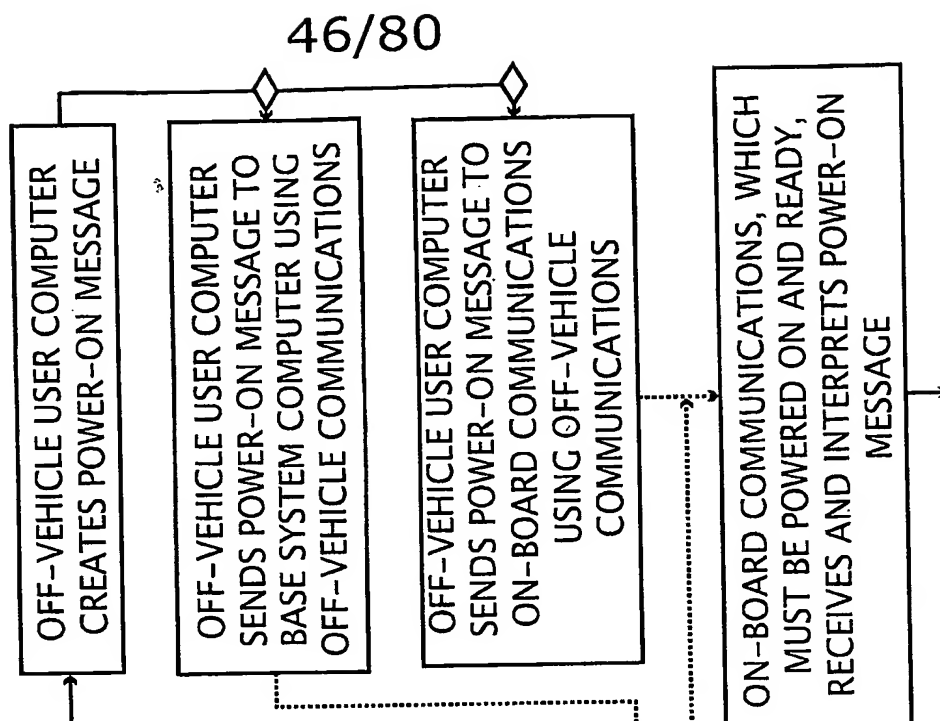
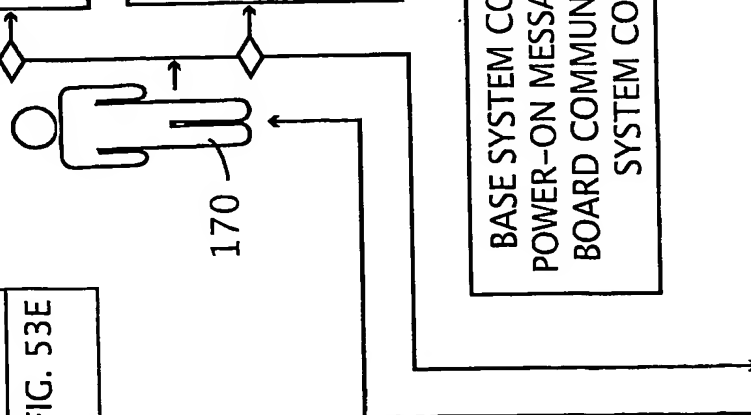
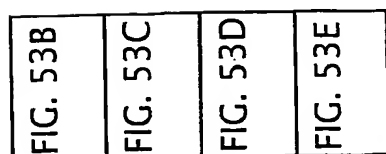
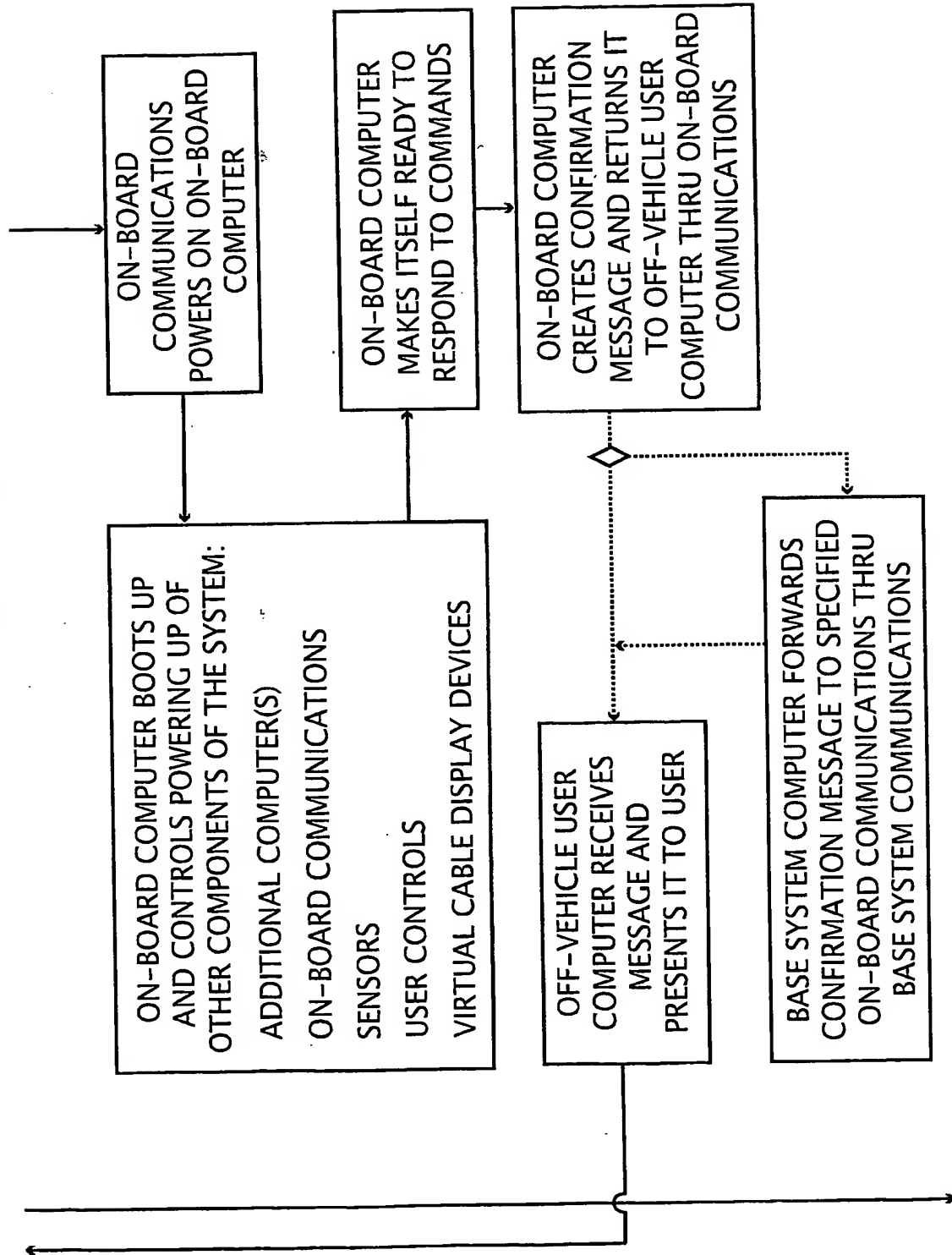


FIG. 53A



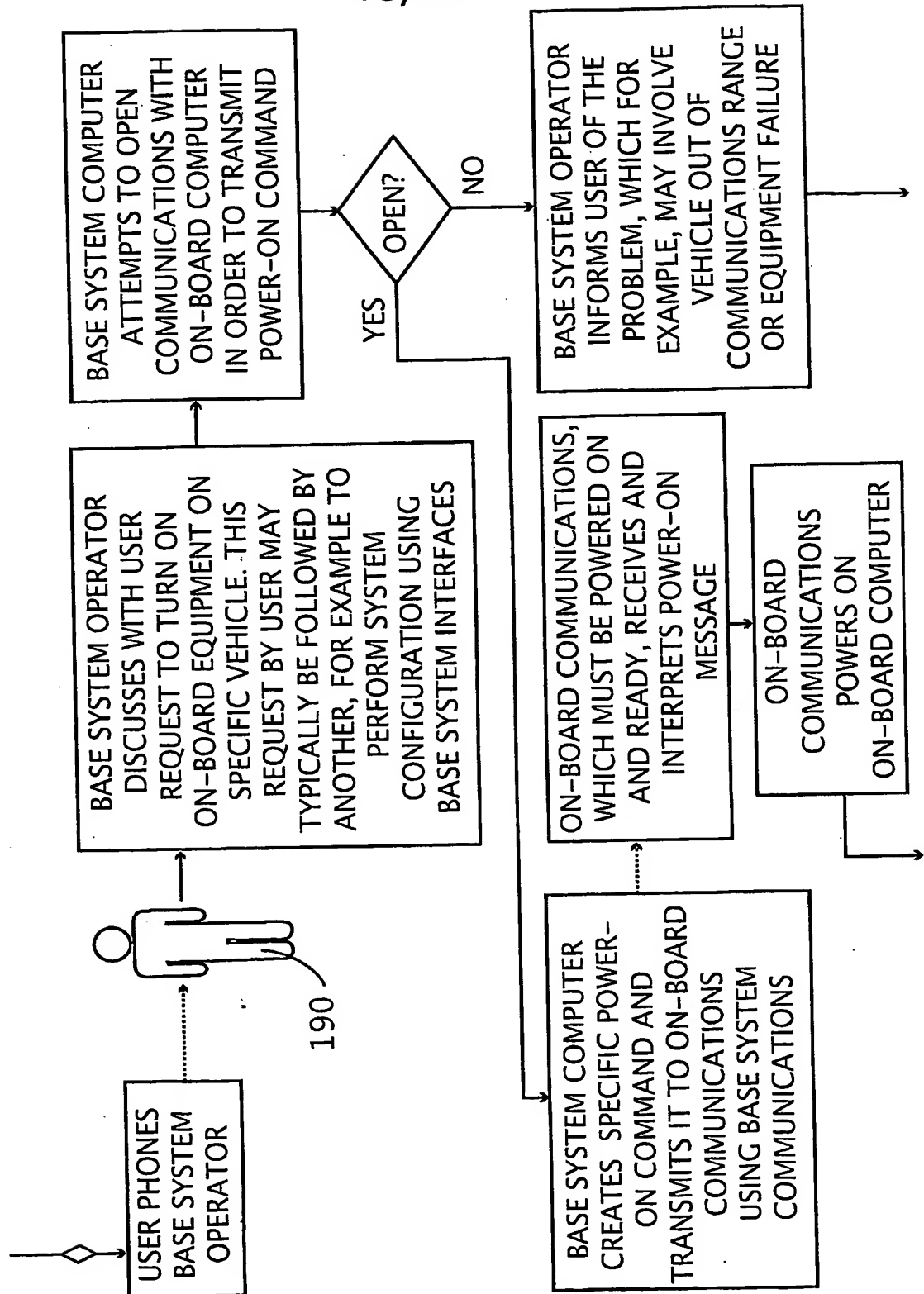
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FIG. 53C



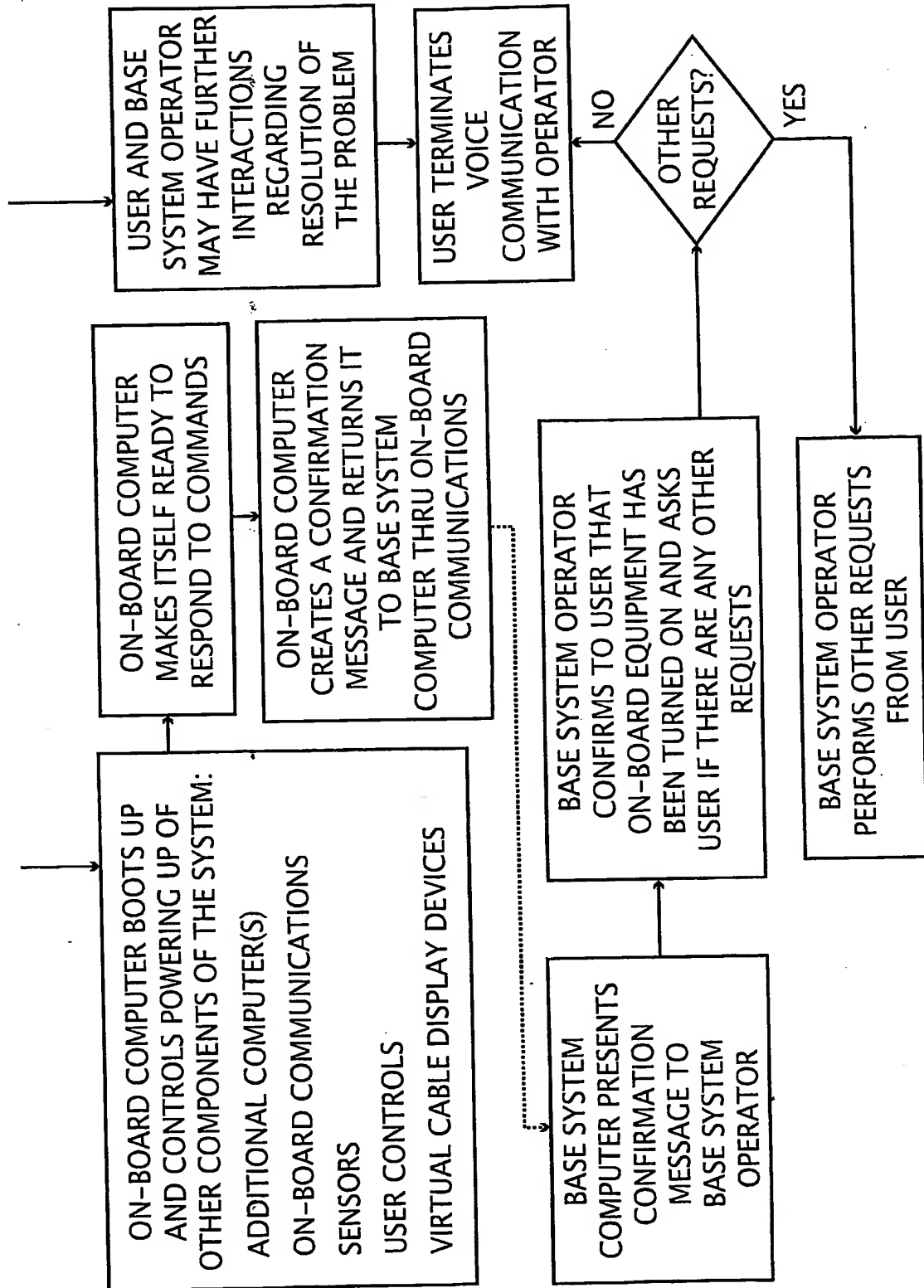
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FIG. 53D



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FIG. 53E



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FIG. 54B

FIG. 54A

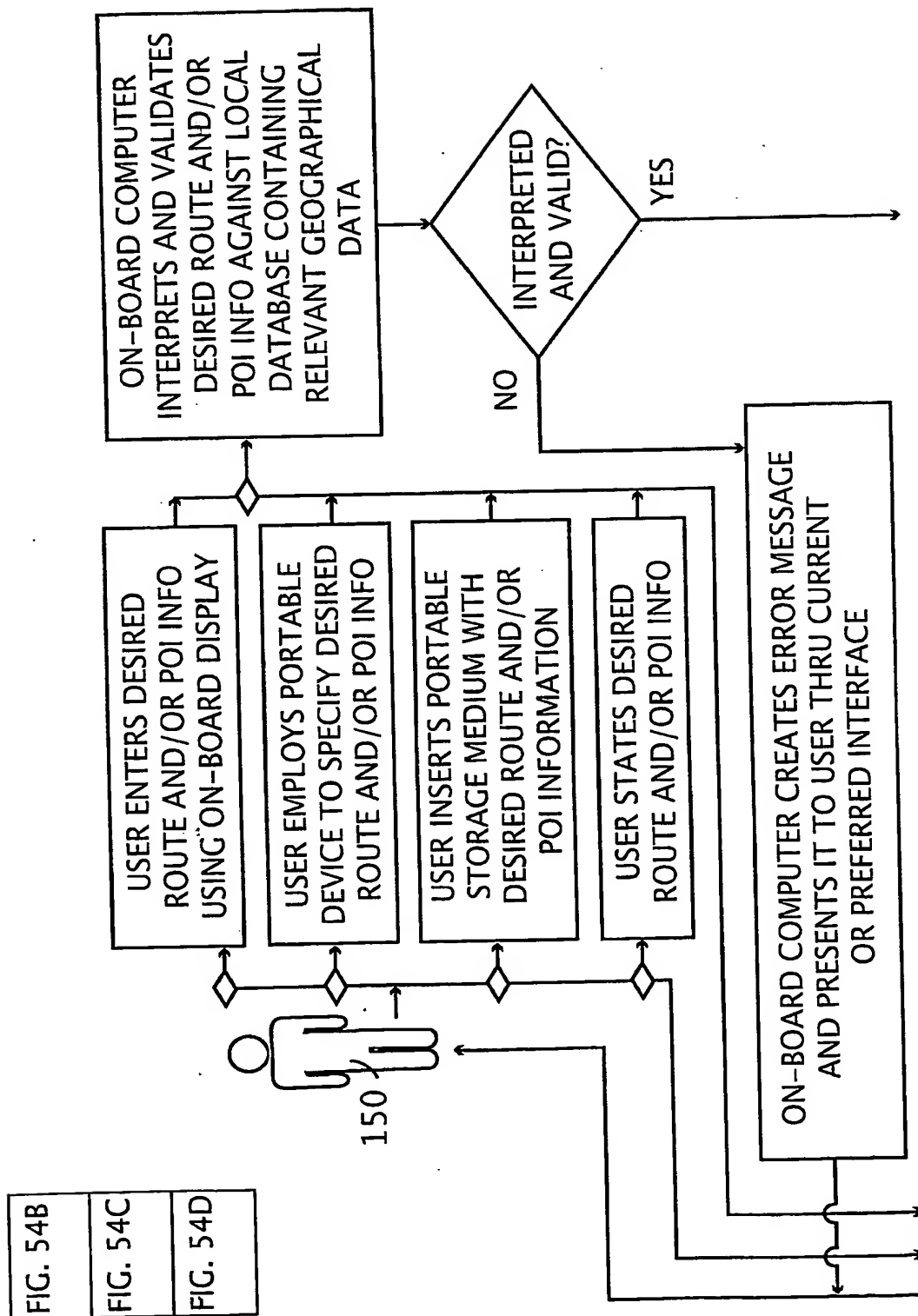


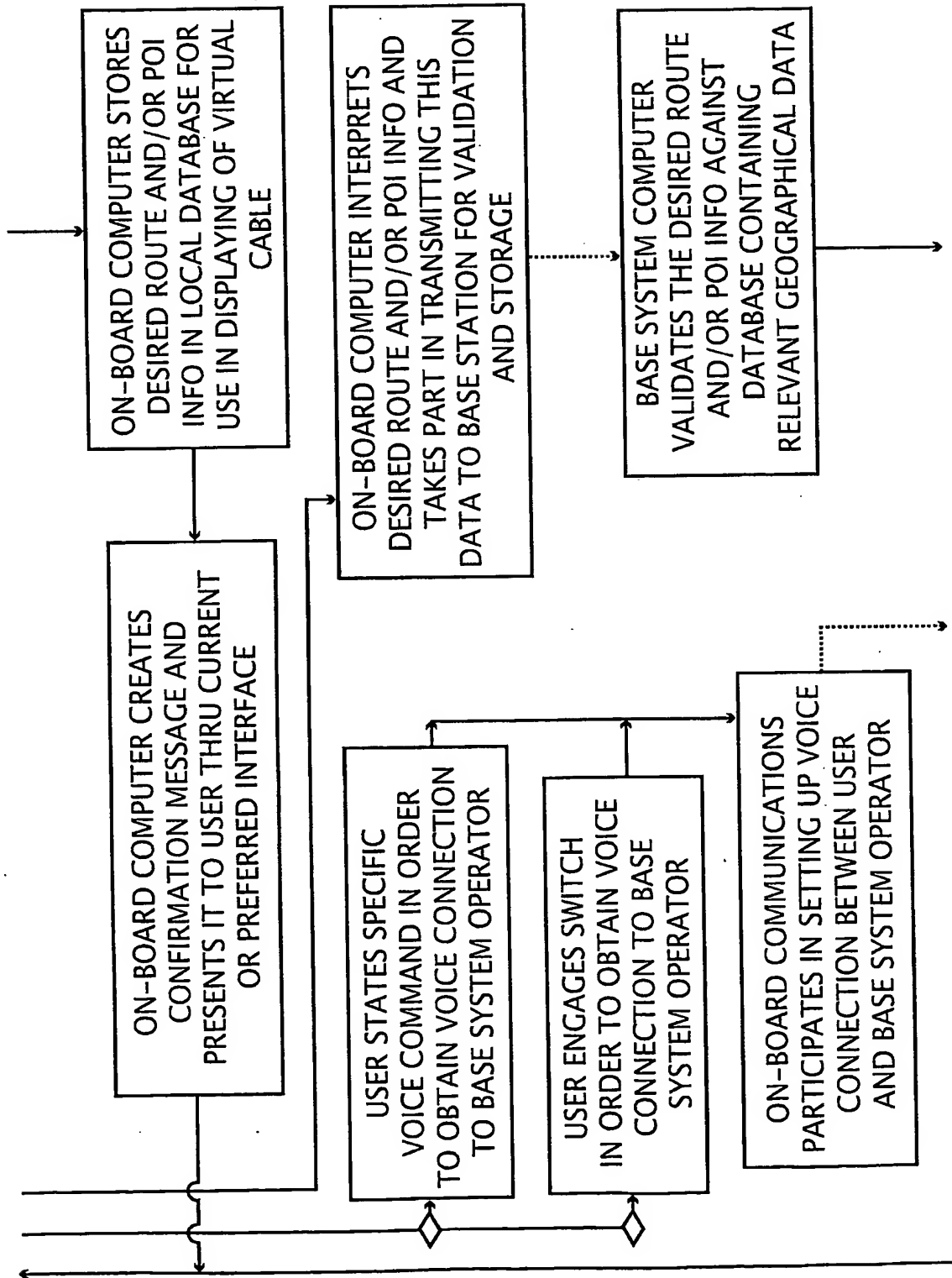
FIG. 54B

FIG. 54C

FIG. 54D

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FIG. 54C



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FIG. 54D

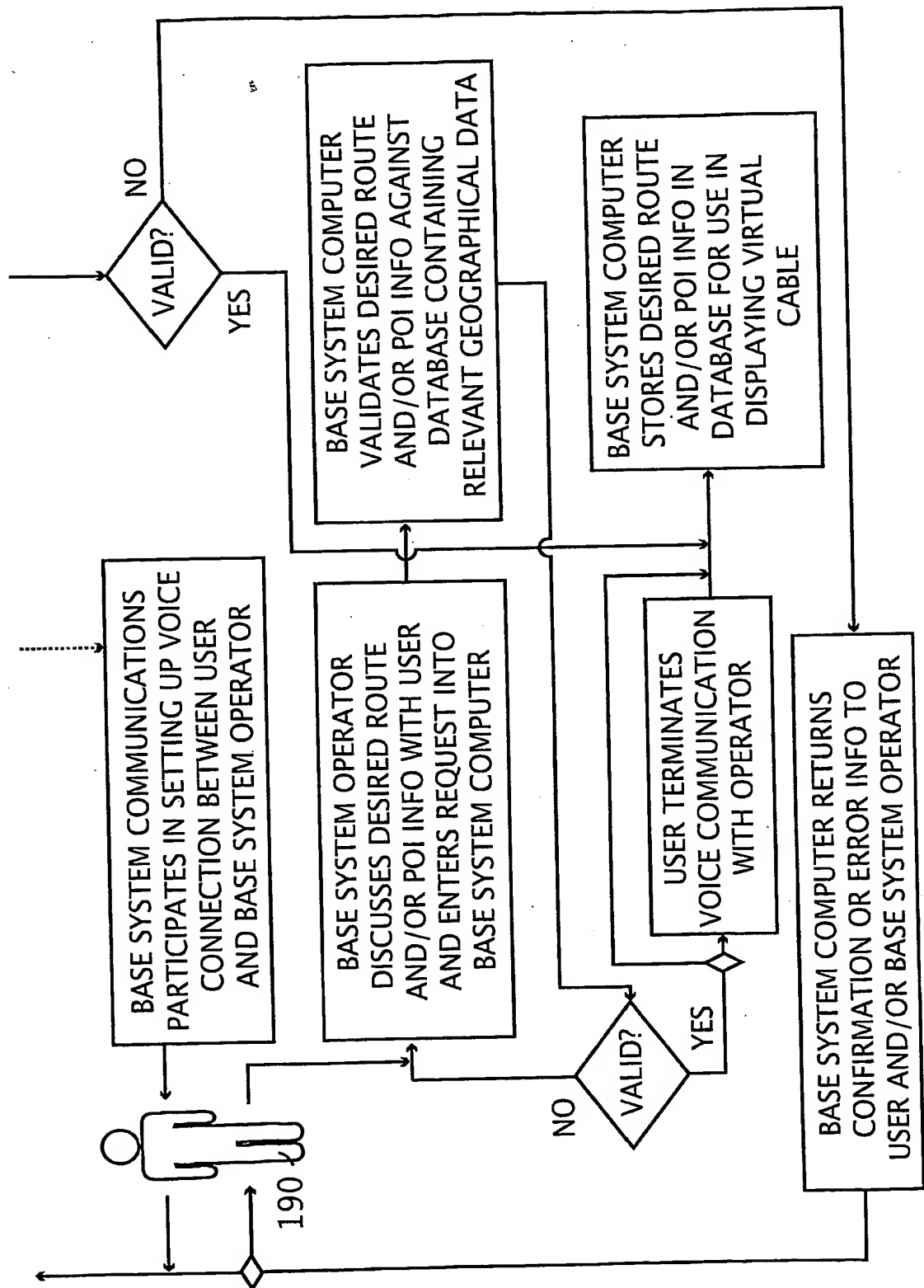


FIG. 55A

FIG. 55B
FIG. 55C
FIG. 55D

FIG. 55B

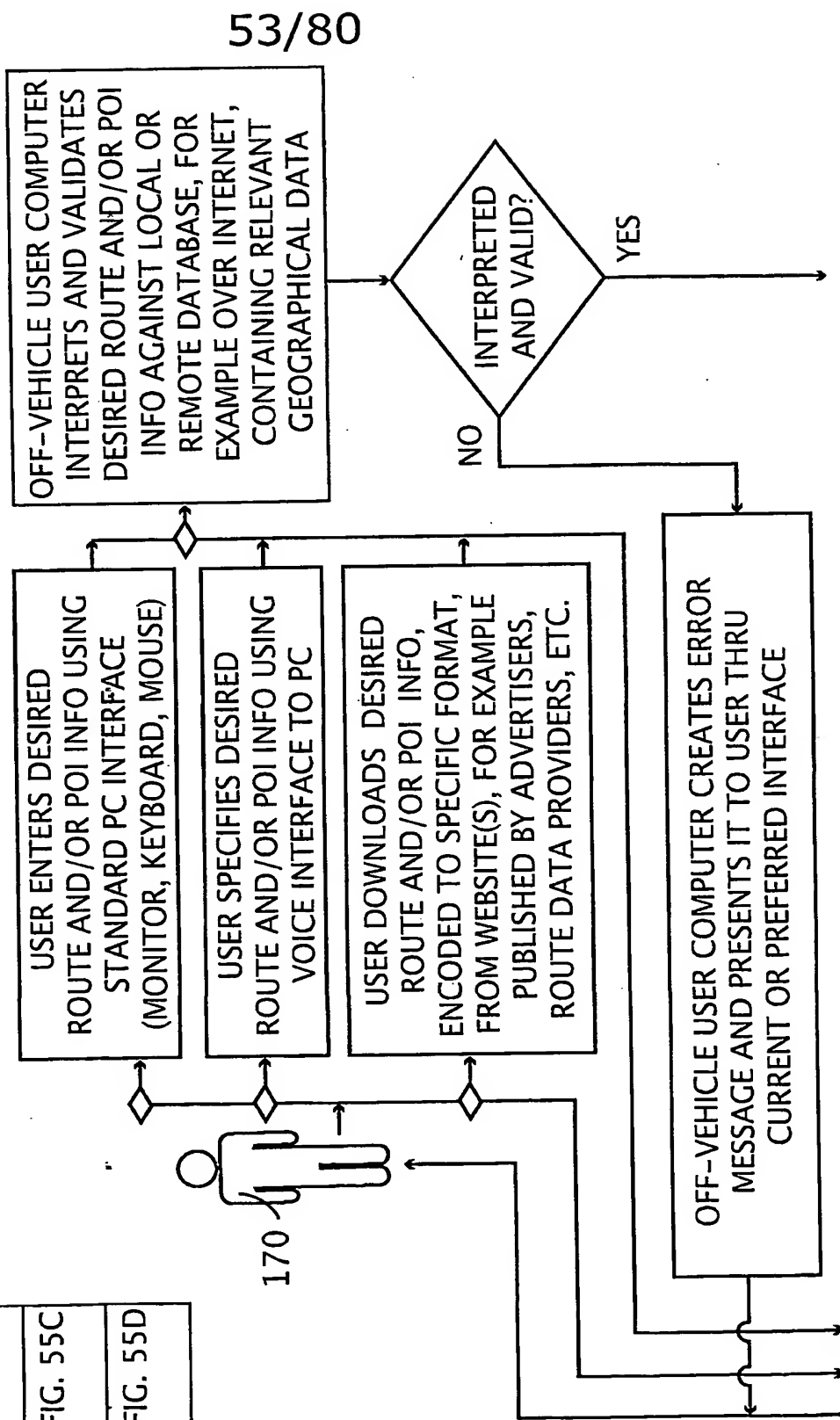
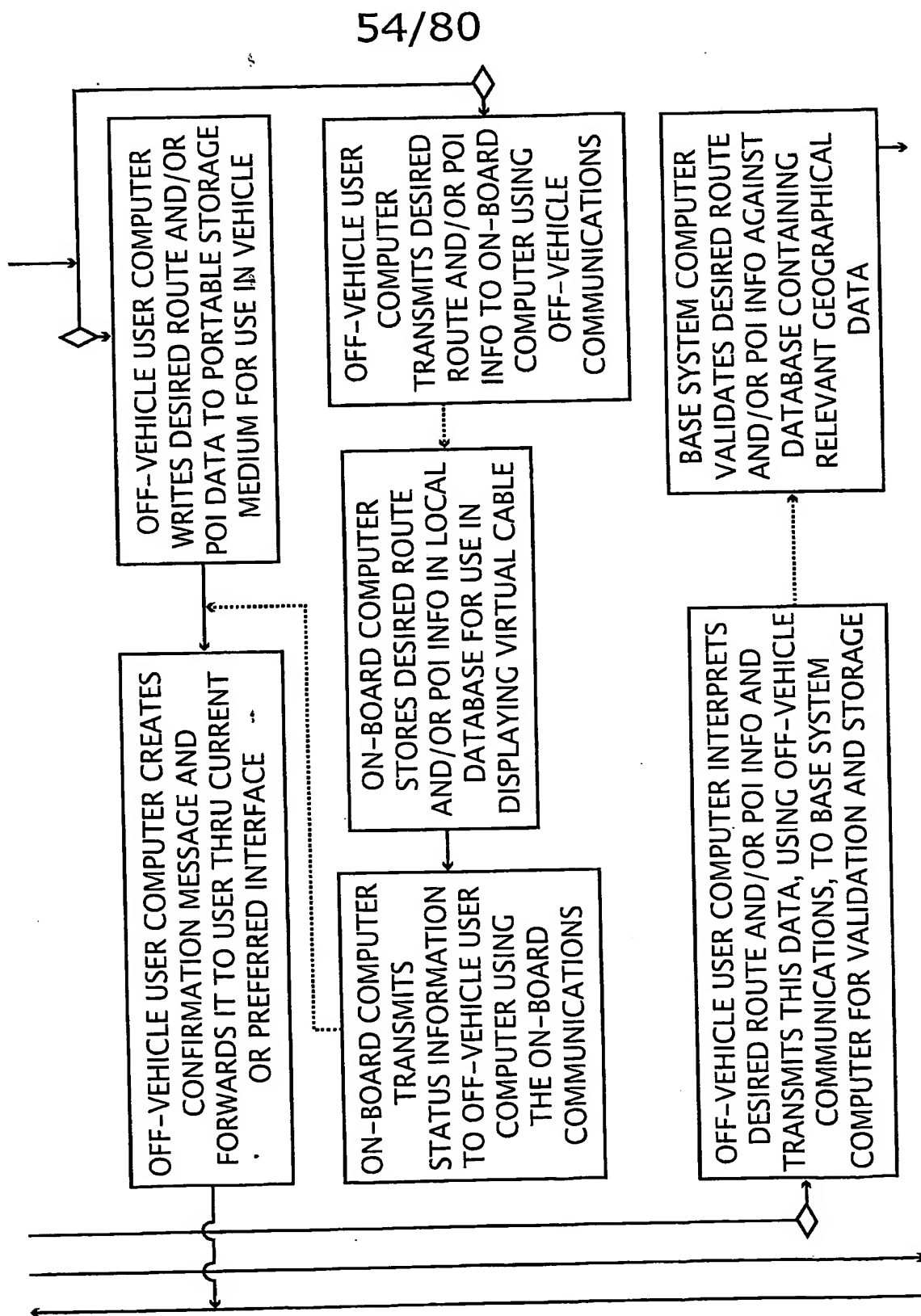


FIG. 55C



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FIG. 55D

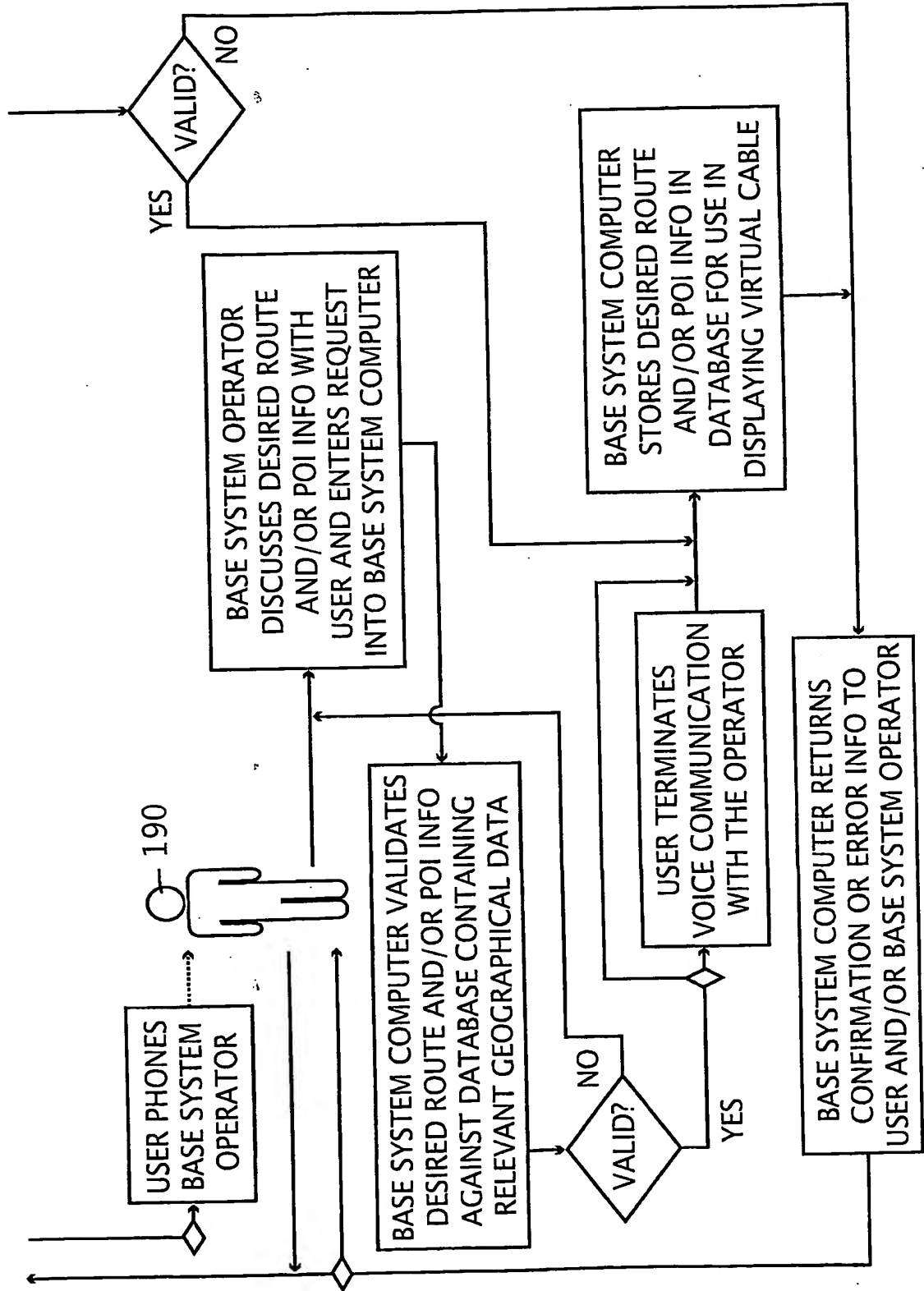


FIG. 56B

FIG. 56A

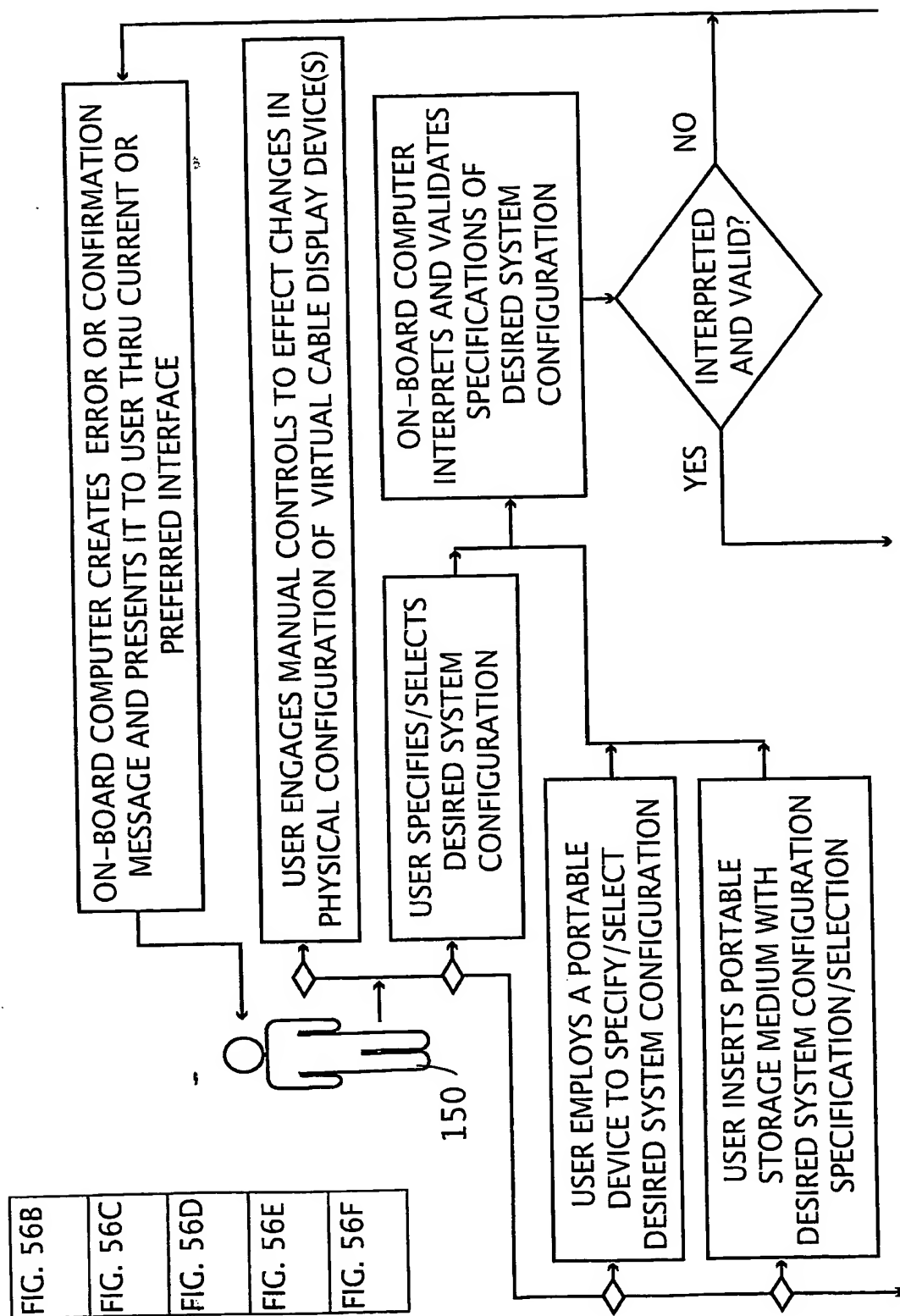
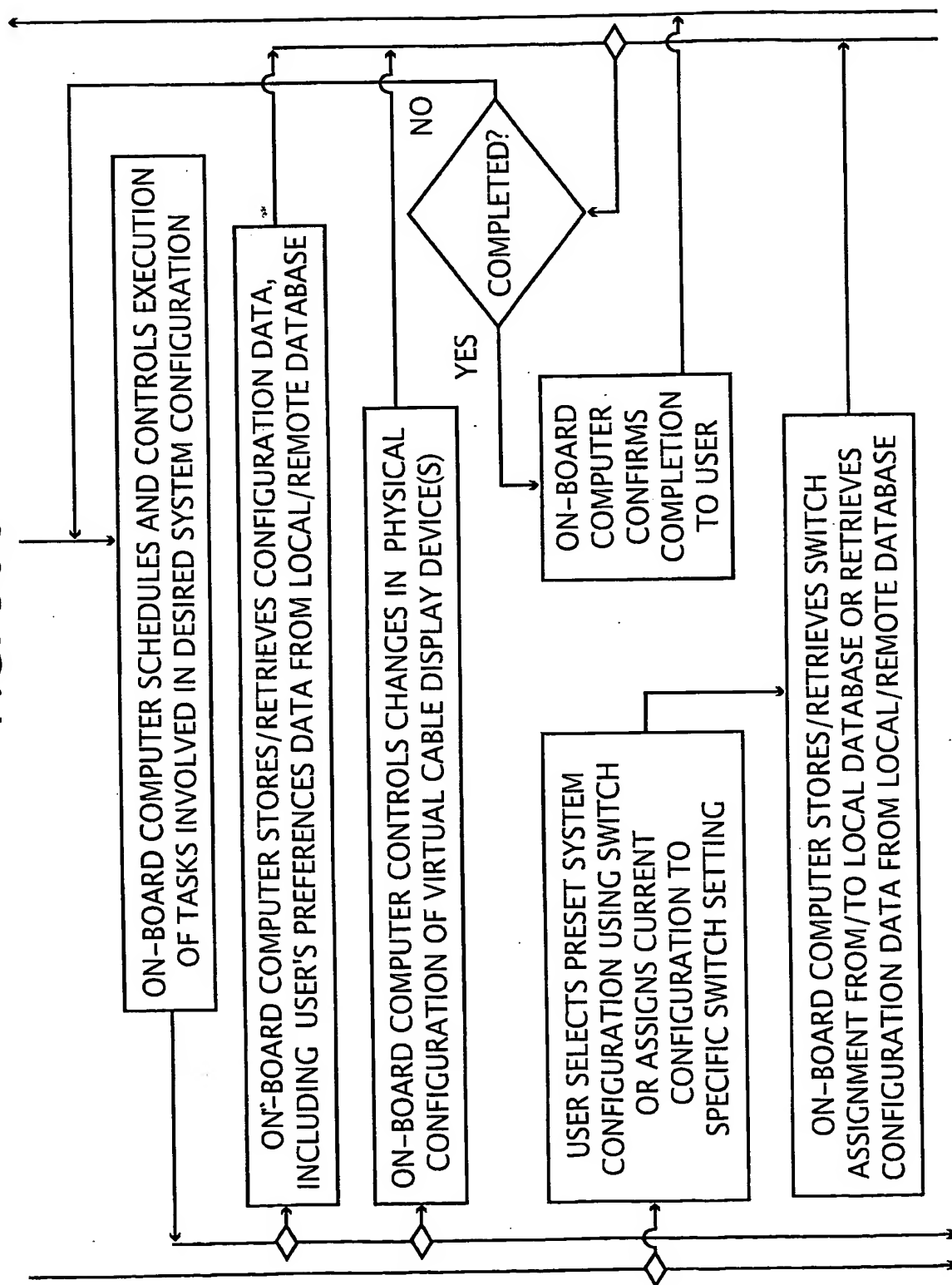


FIG. 56C



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FIG. 56D

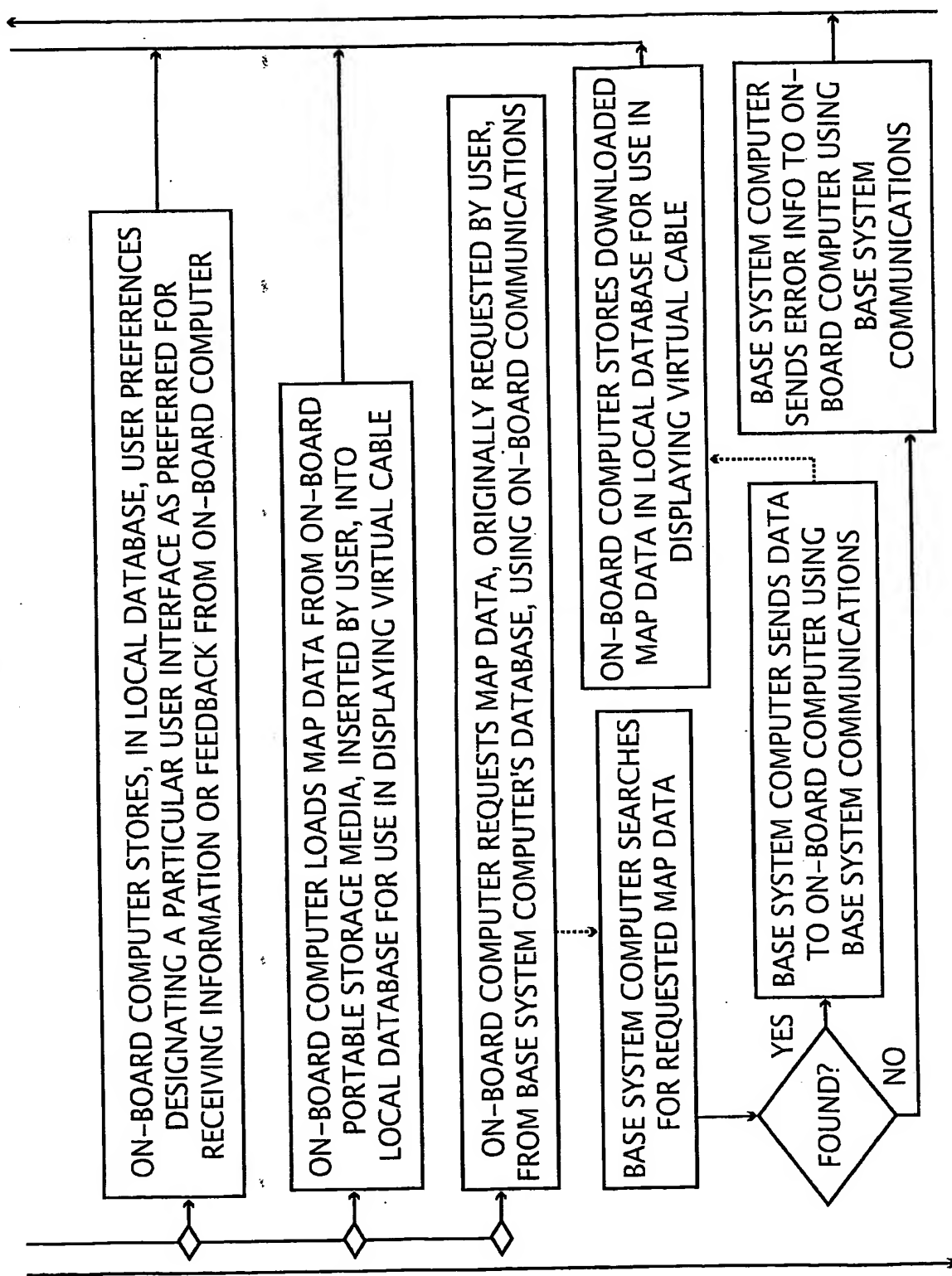
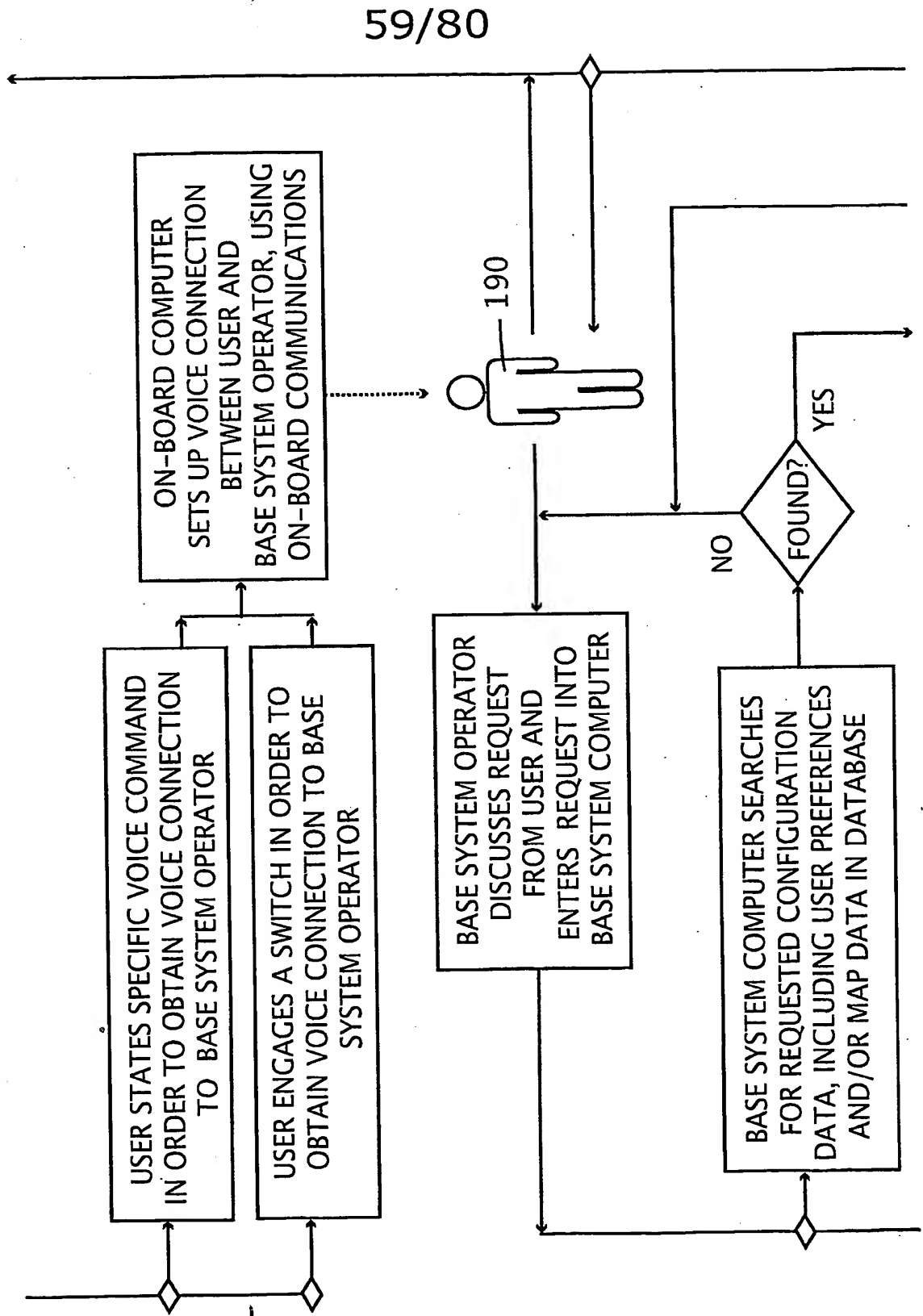
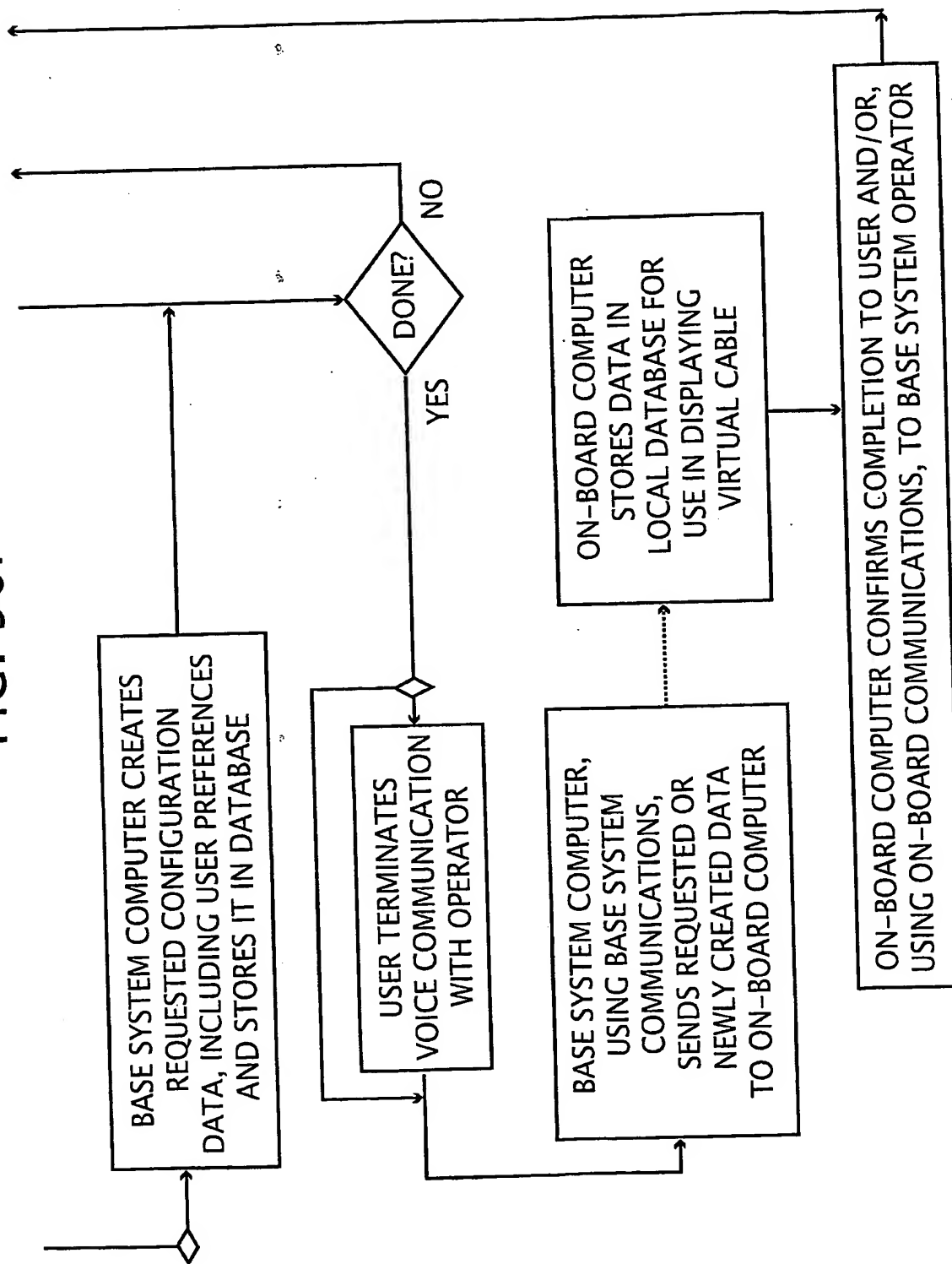


FIG. 56E



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FIG. 56F



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FIG. 57A

FIG. 57B

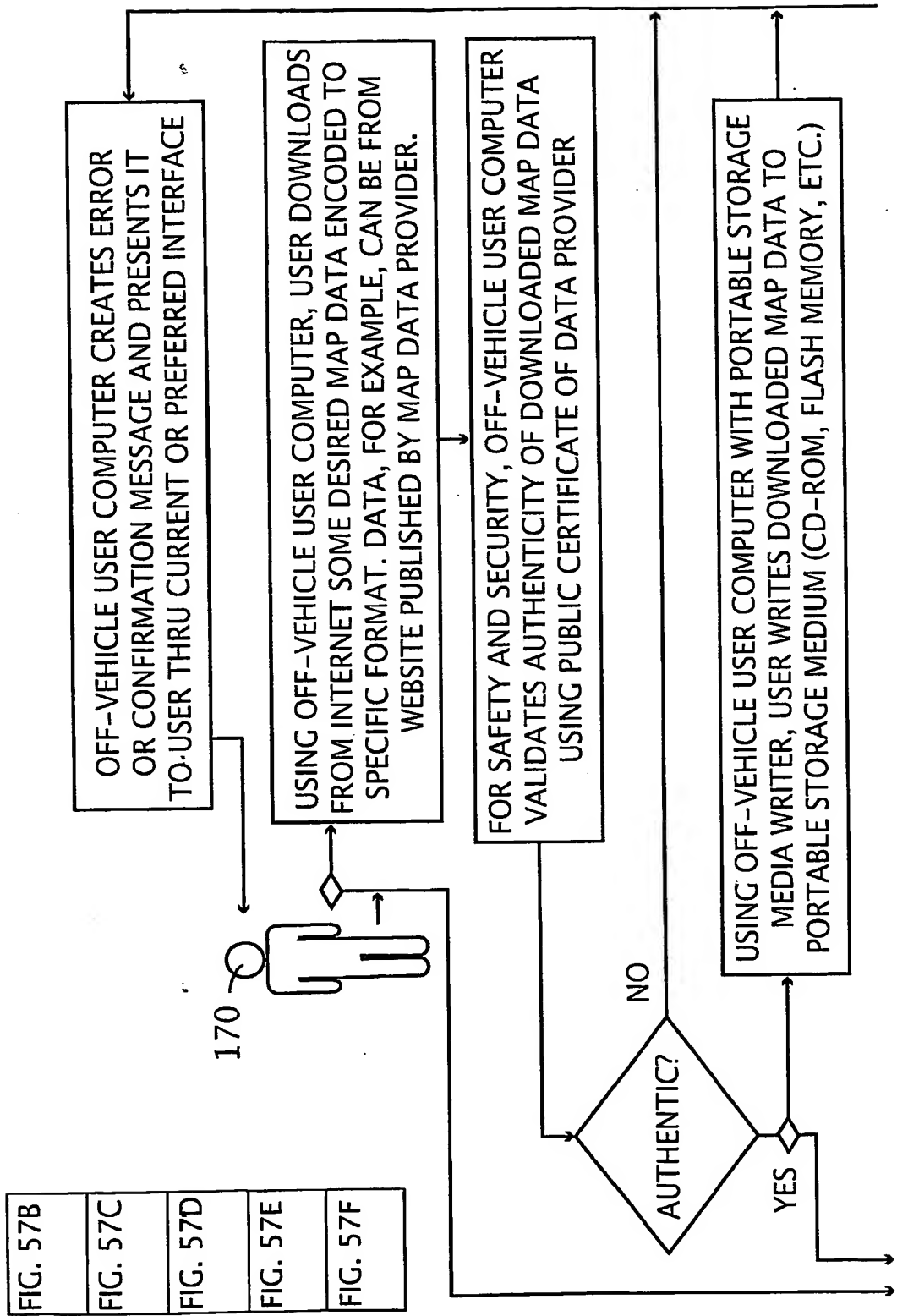
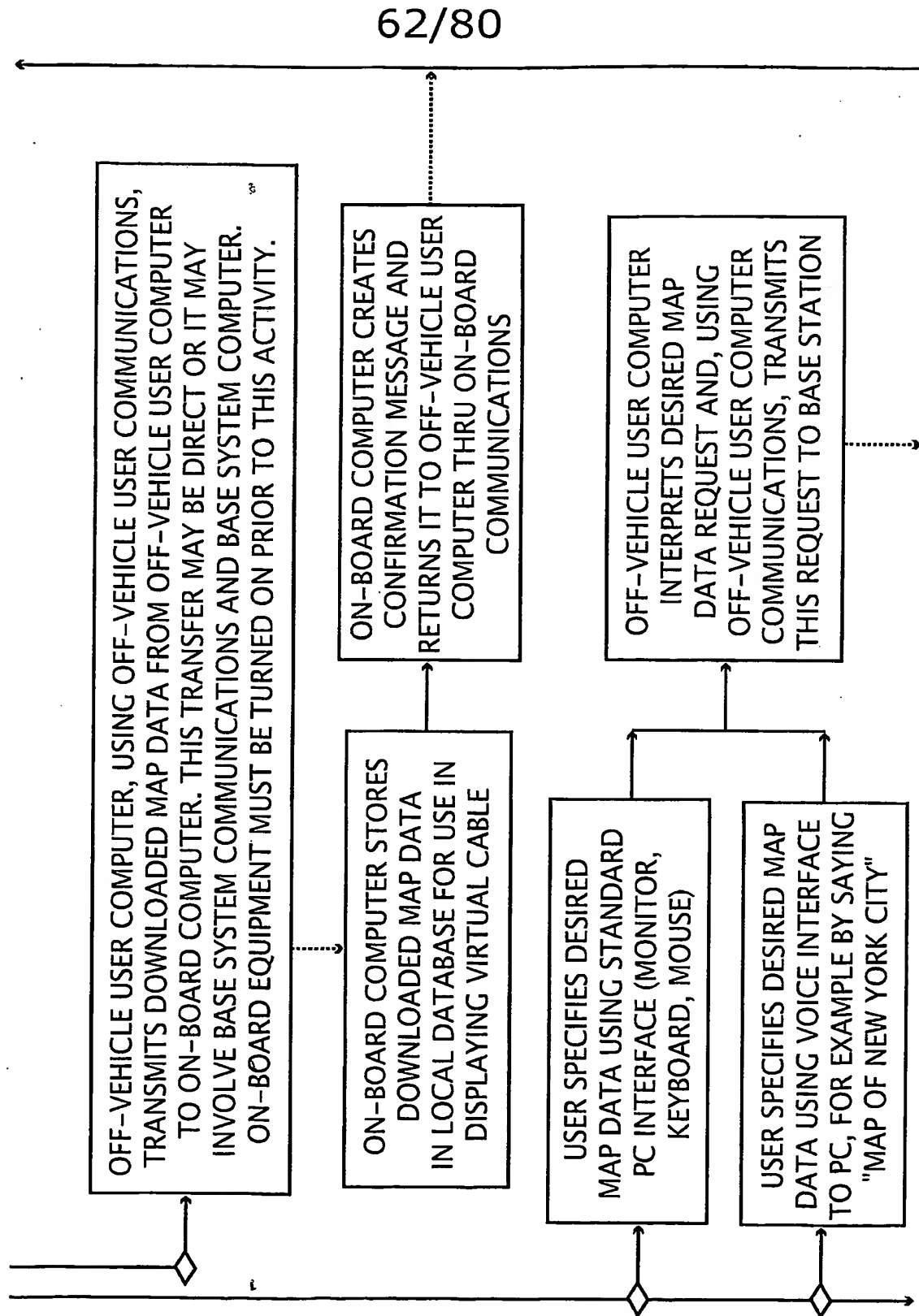


FIG. 57C



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FIG. 57D

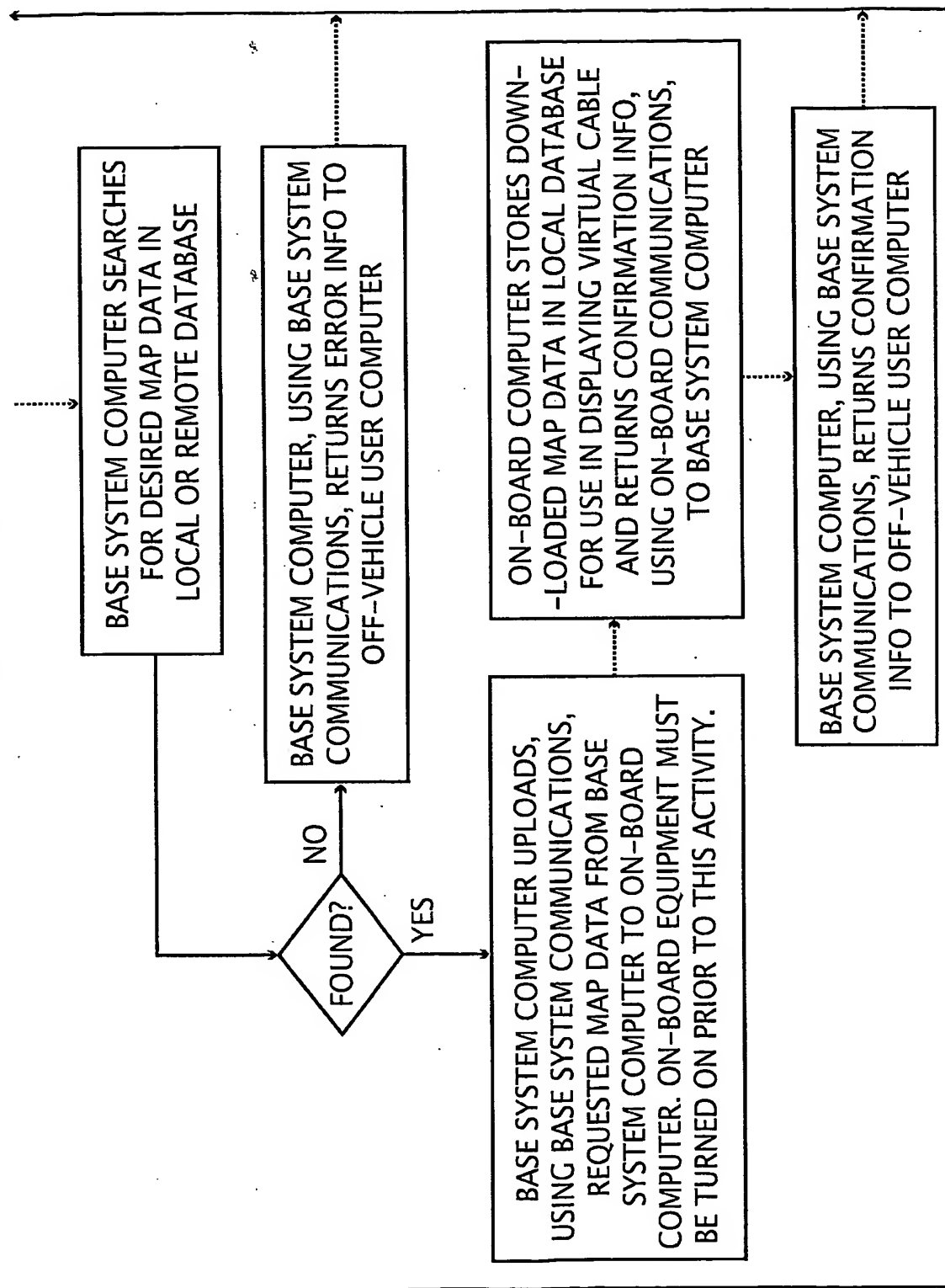


FIG. 57E

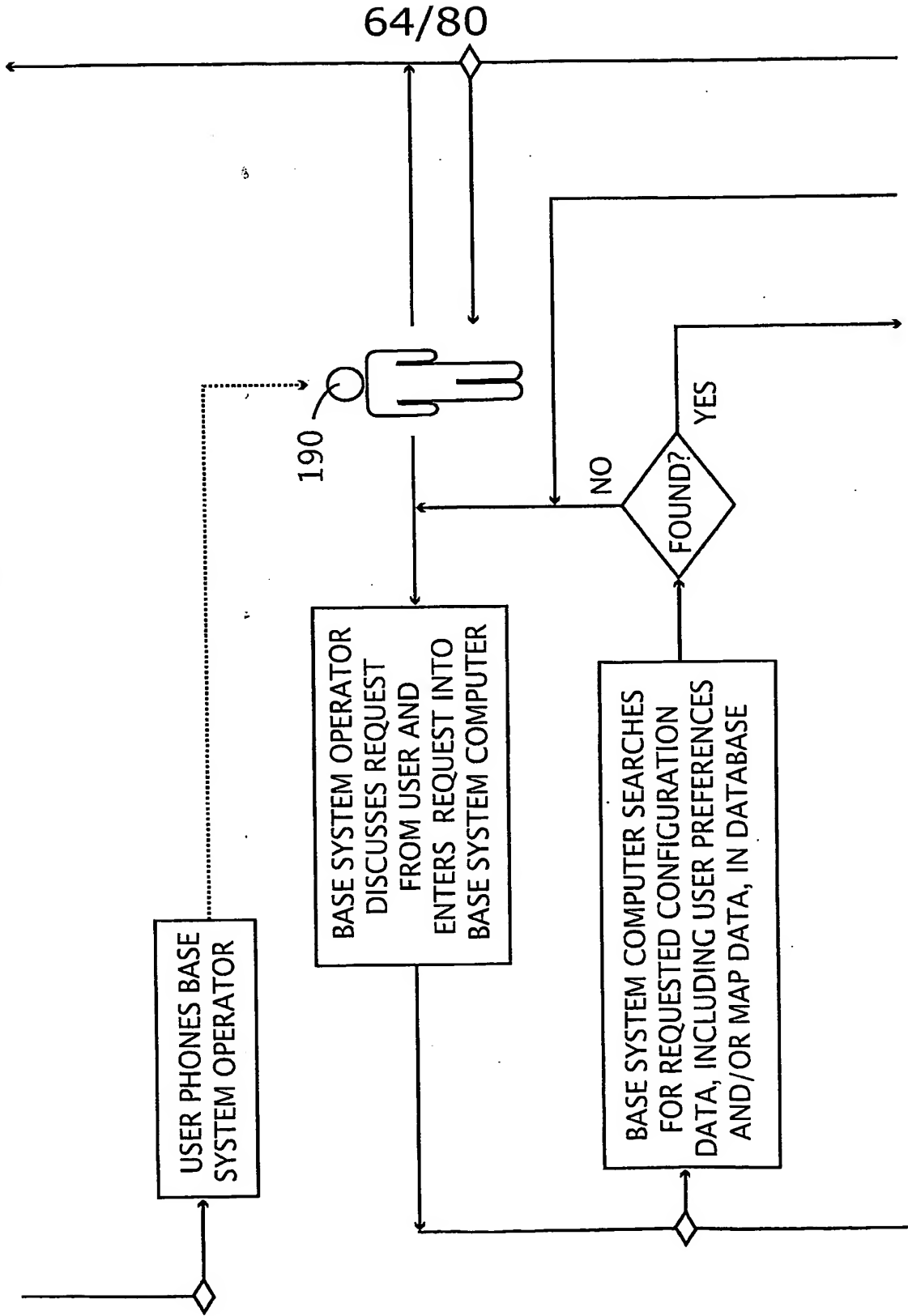
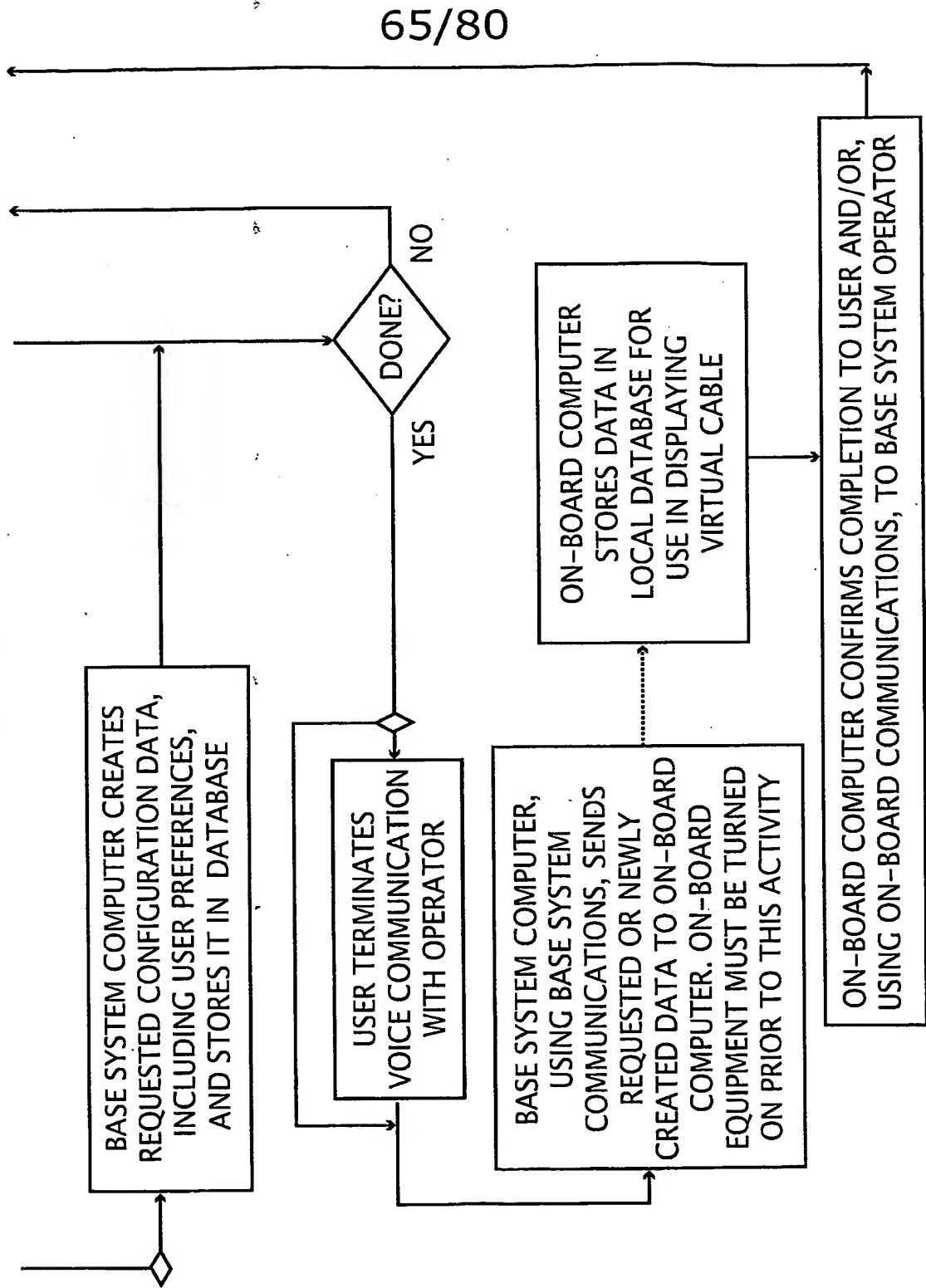
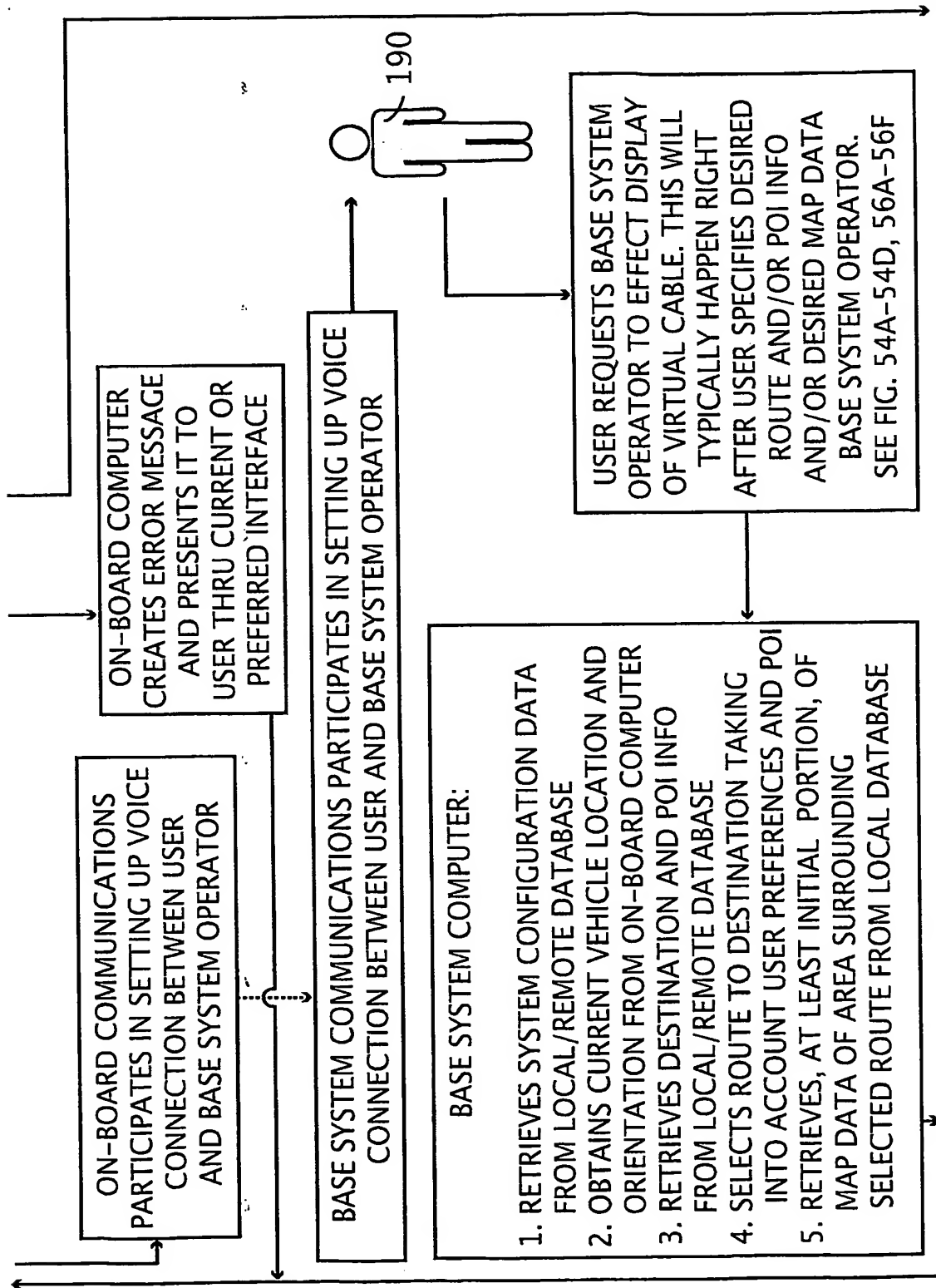


FIG. 57F



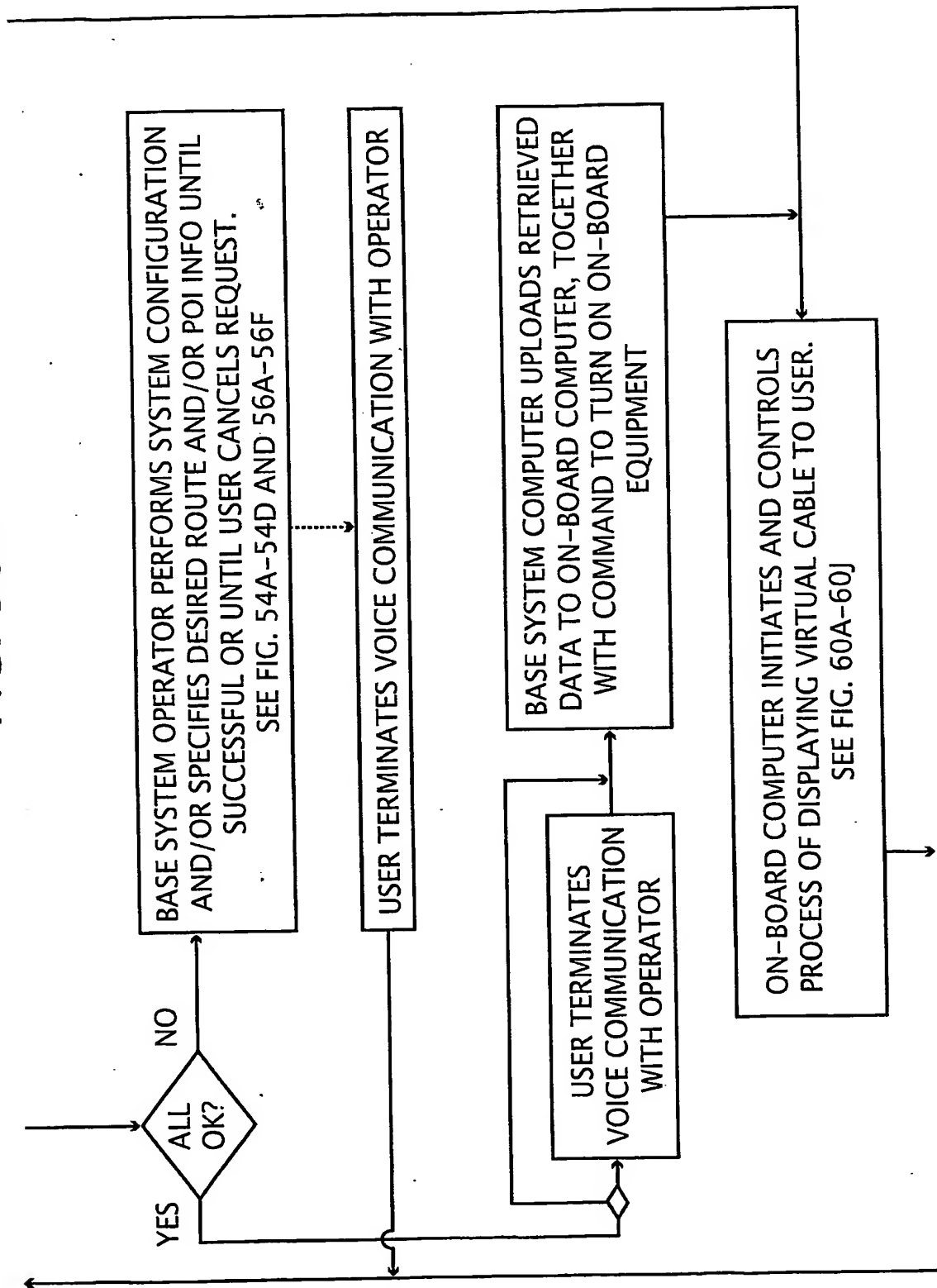
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FIG. 58C



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FIG. 58D



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FIG. 58E

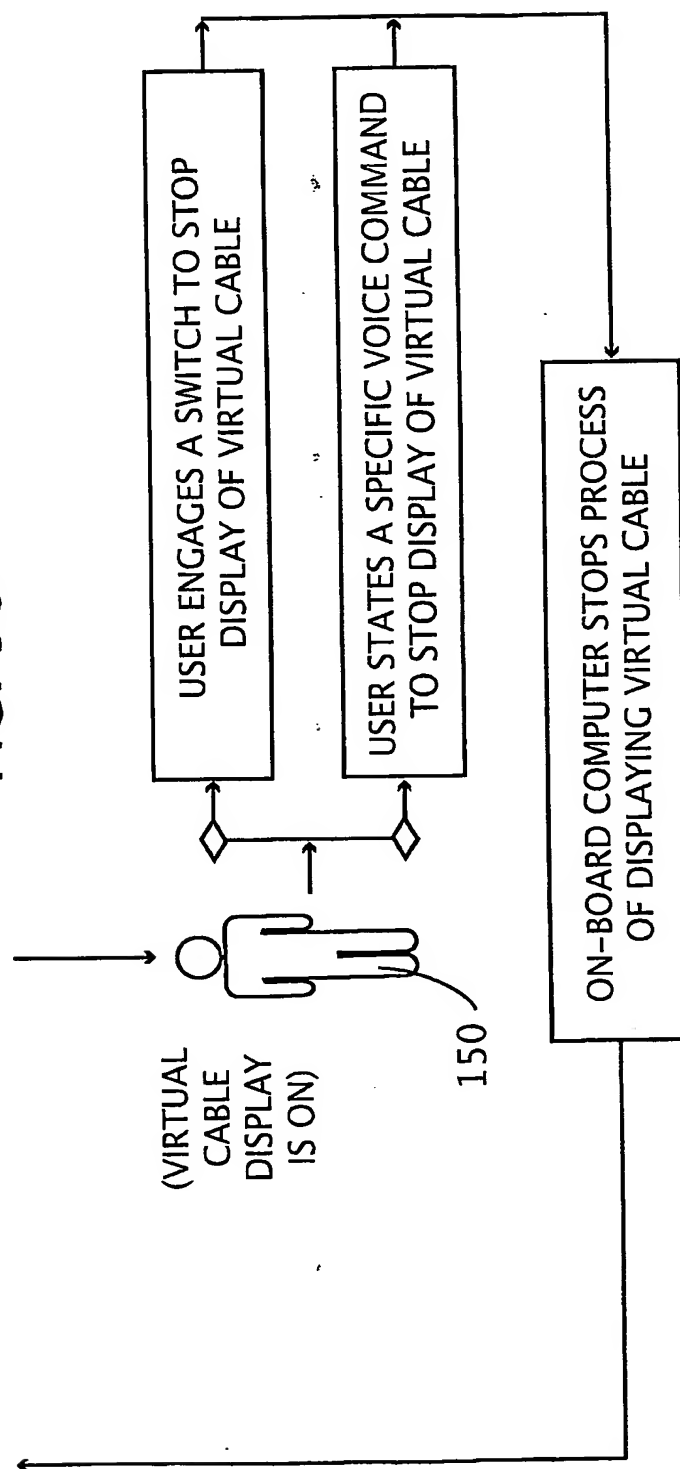


FIG. 59A

FIG. 59B

FIG. 59C

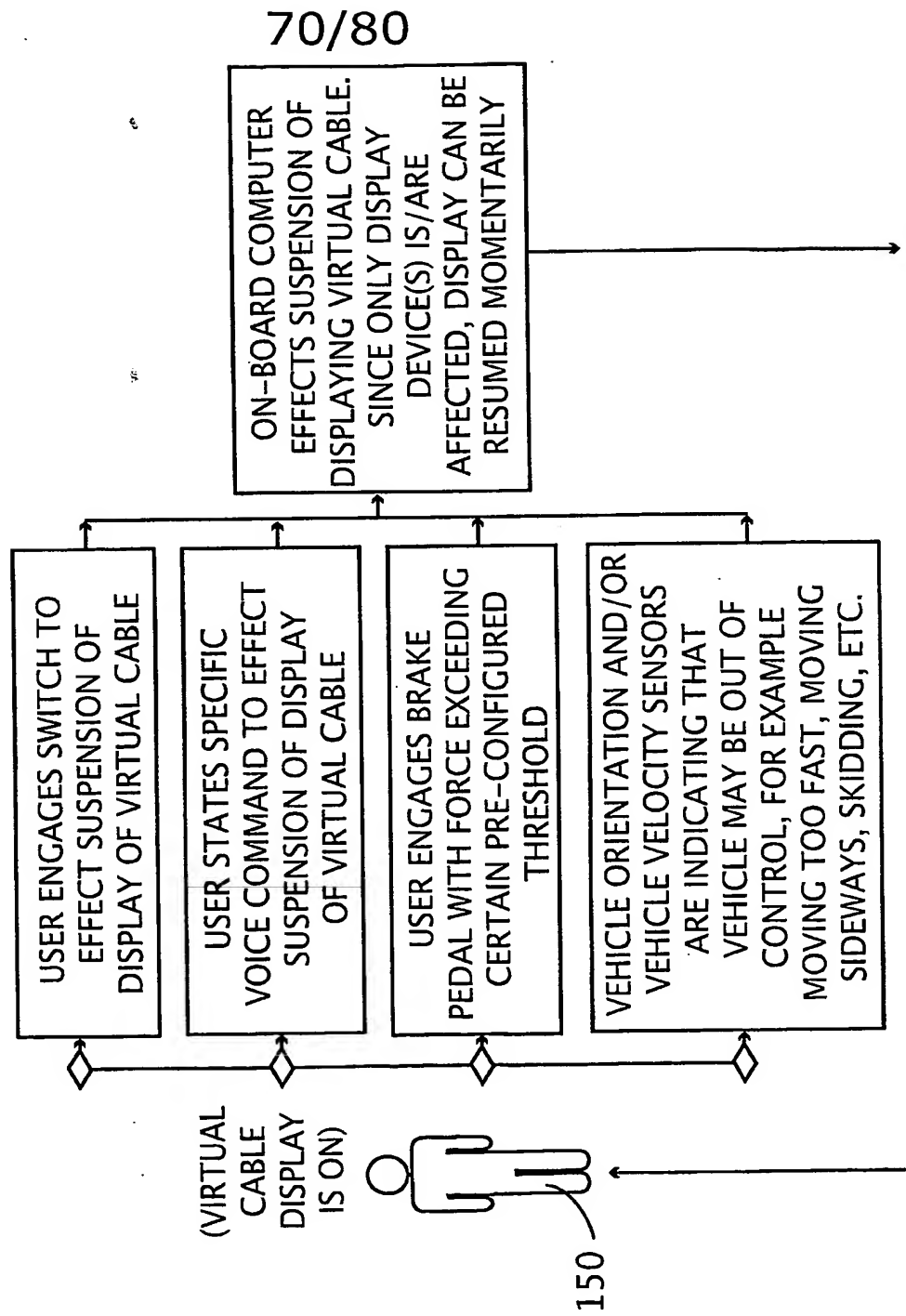
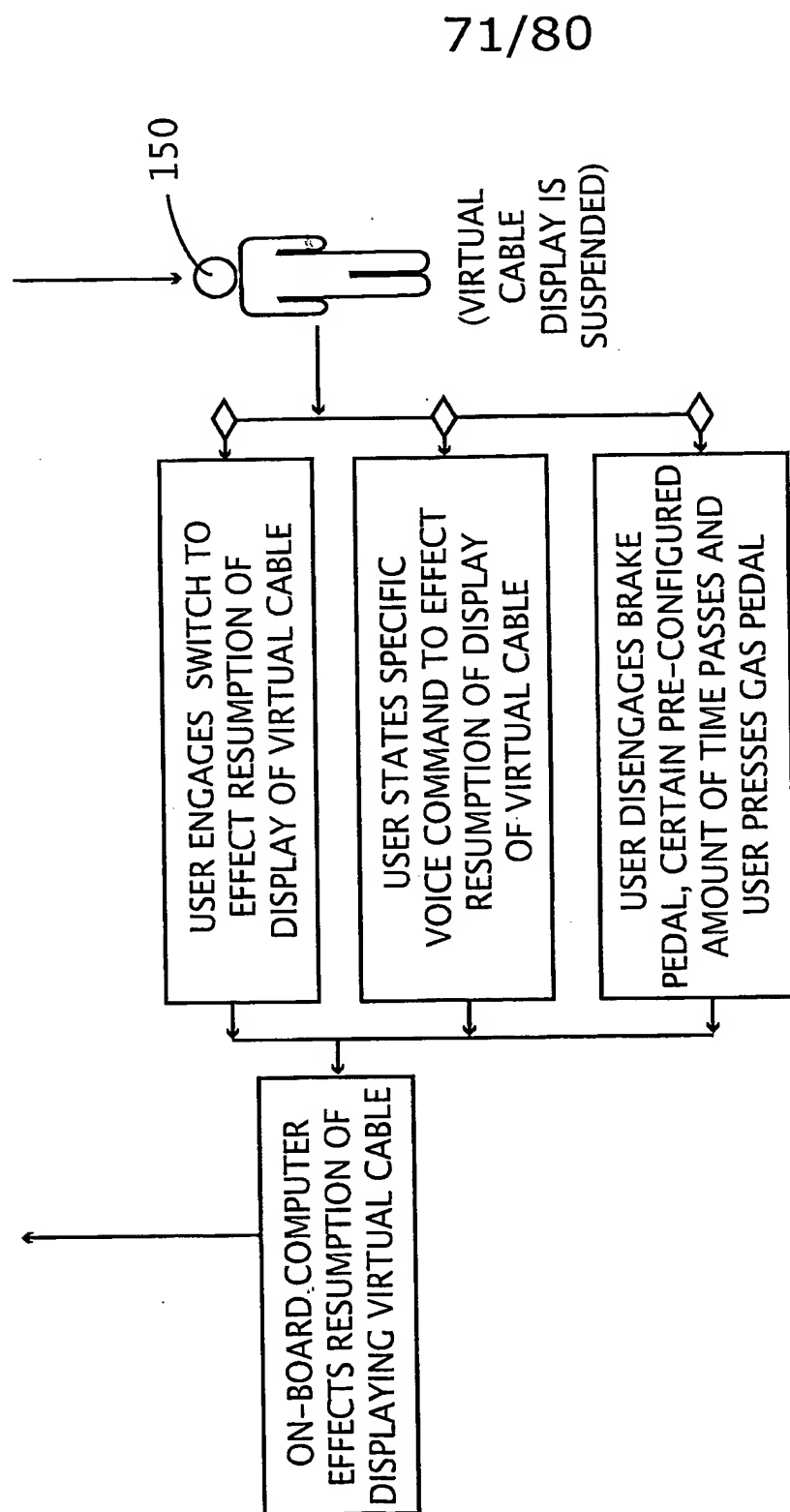


FIG. 59C

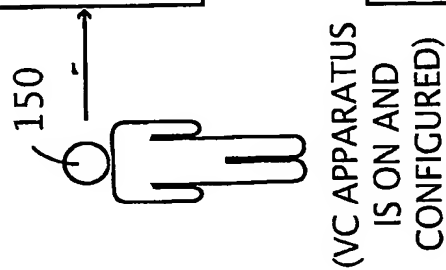


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FIG. 60A

FIG. 60B
FIG. 60C
FIG. 60D
FIG. 60E
FIG. 60F
FIG. 60G
FIG. 60H
FIG. 60I
FIG. 60J

FIG. 60B



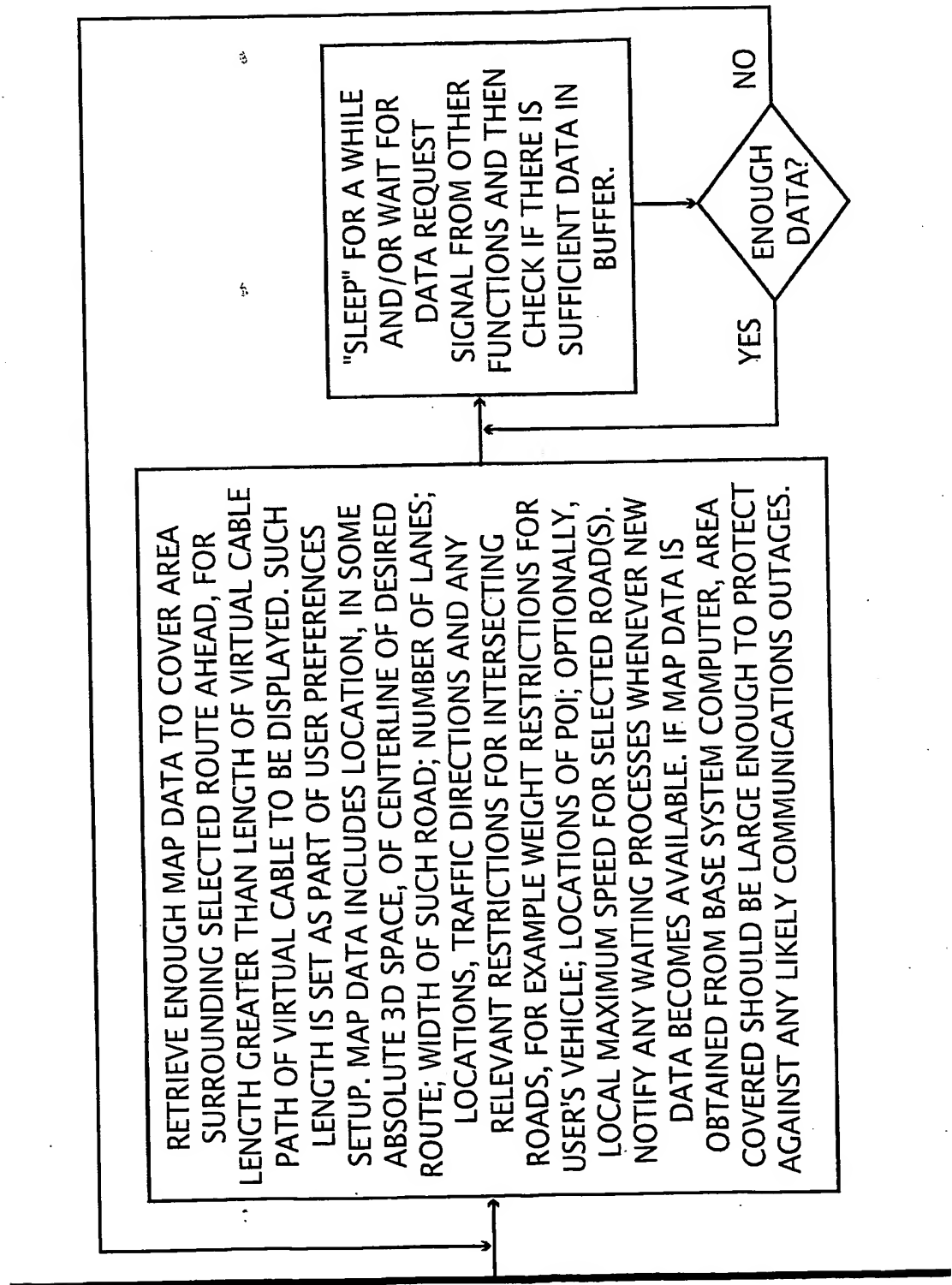
USER REQUESTS START OF DISPLAY OF VIRTUAL CABLE AND ON-BOARD COMPUTER RETRIEVES DATA-NEEDED TO START PROCESS OF DISPLAYING VIRTUAL CABLE (SEE FIG. 58A - 58E)

ON-BOARD COMPUTER STARTS/CONTROLS/STOPS LOGICALLY SEPARATE PROCESSES THAT MAY EXECUTE IN PARALLEL IN ON-BOARD COMPUTER(S) AND IN SOME CASES, ALSO IN CONTROLLERS OF VIRTUAL CABLE DISPLAY DEVICE(S). COMBINED WORK OF THESE PROCESSES RESULTS IN CORRECT DISPLAY OF VIRTUAL CABLE. MAP DATA MAY ALSO BE RETRIEVED FROM BASE SYSTEM COMPUTER AS NEEDED. BASE SYSTEM COMPUTER MAY ALSO RE-SELECT ROUTE IF USER LEAVES ORIGINAL ONE, OR IF ROAD CONDITIONS CHANGE.



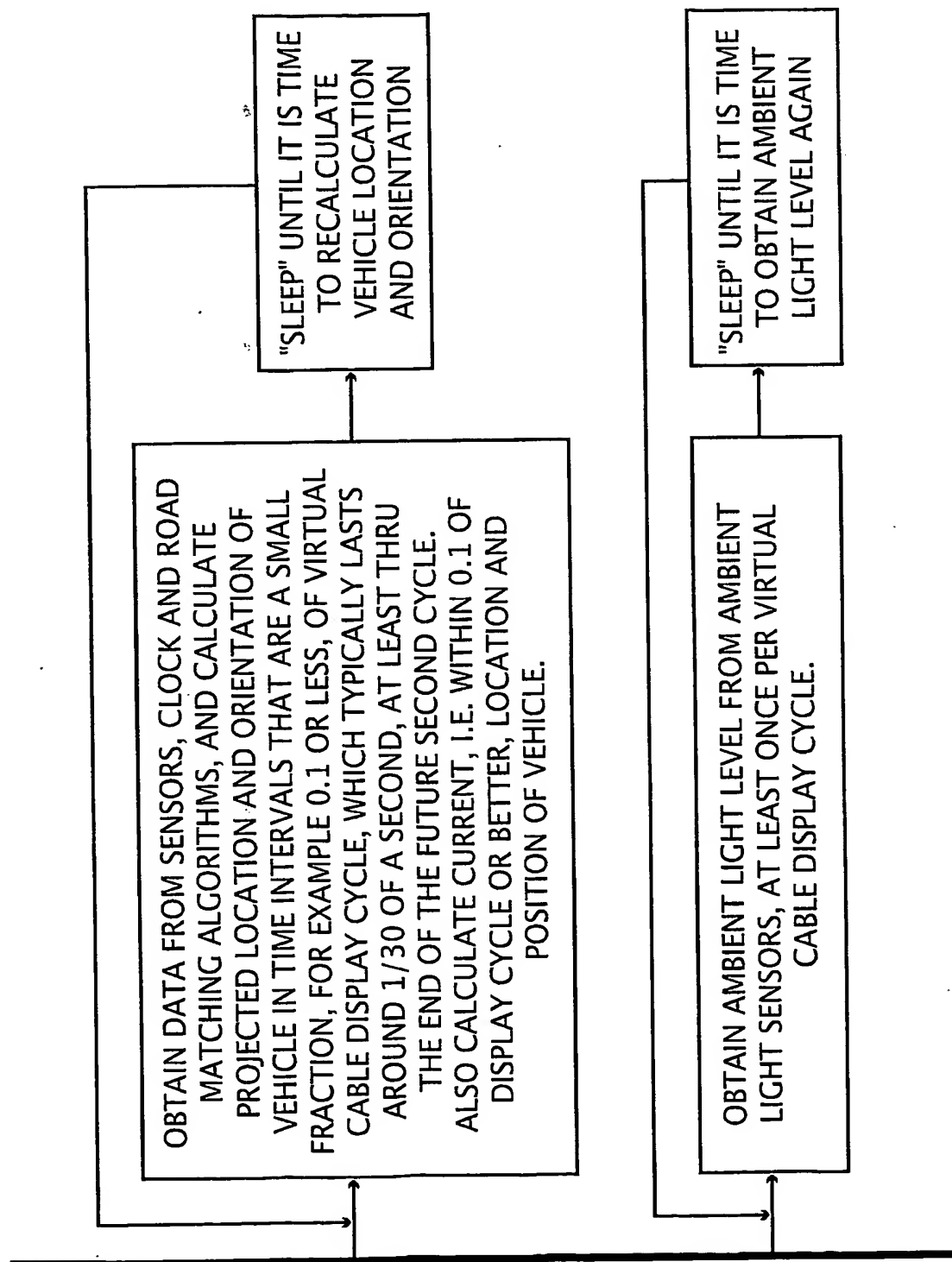
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FIG. 60C



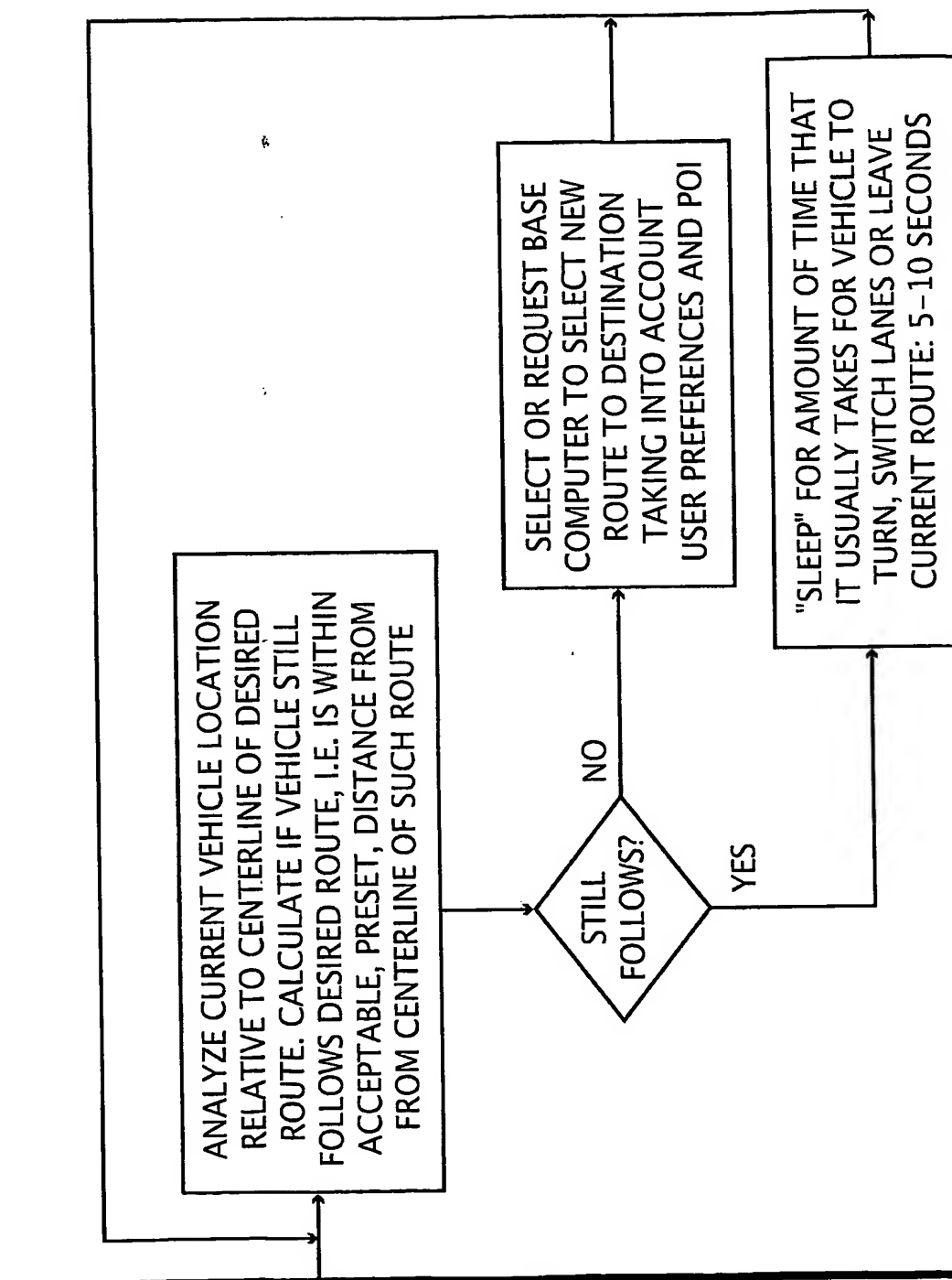
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FIG. 60D



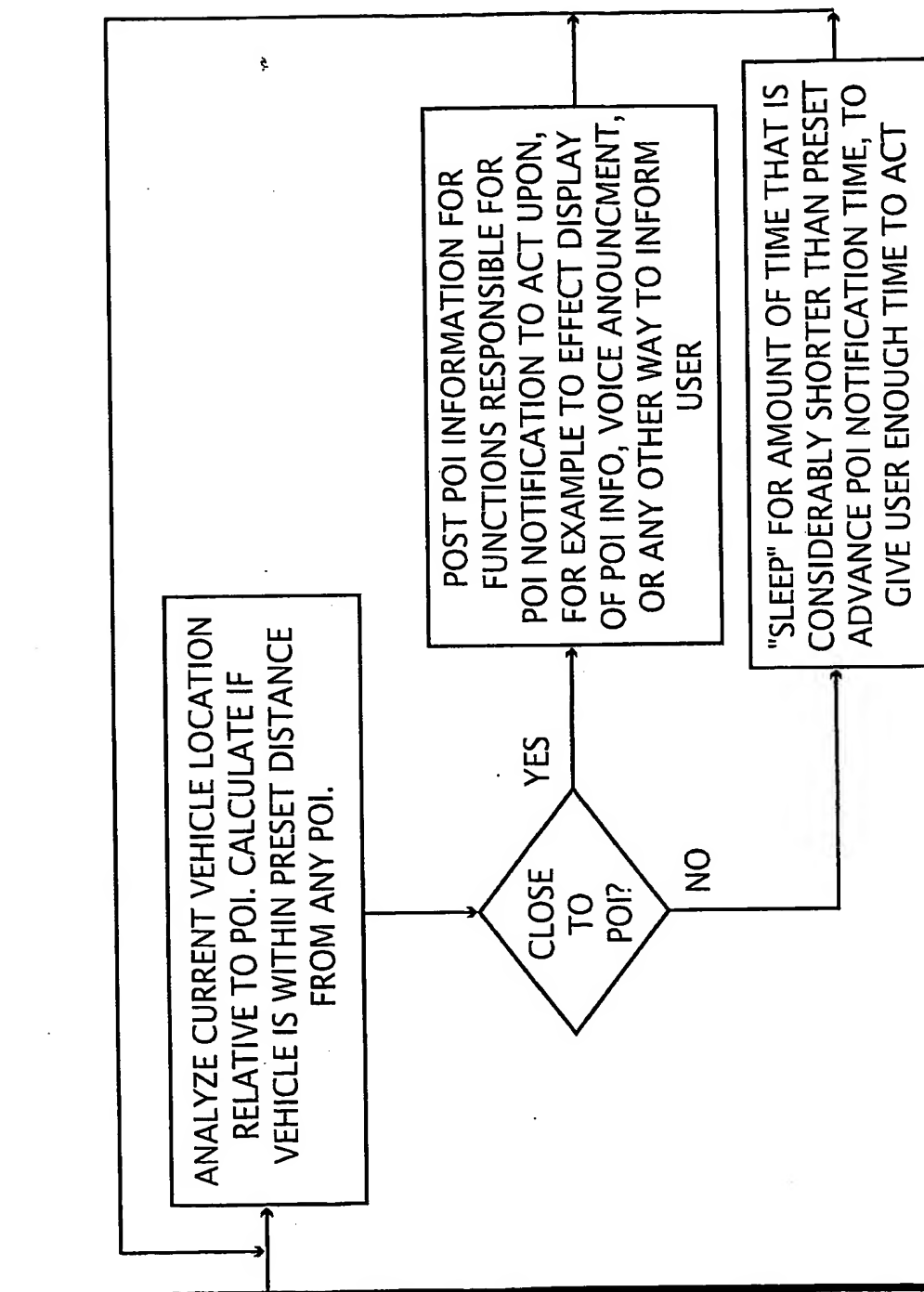
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FIG. 60E



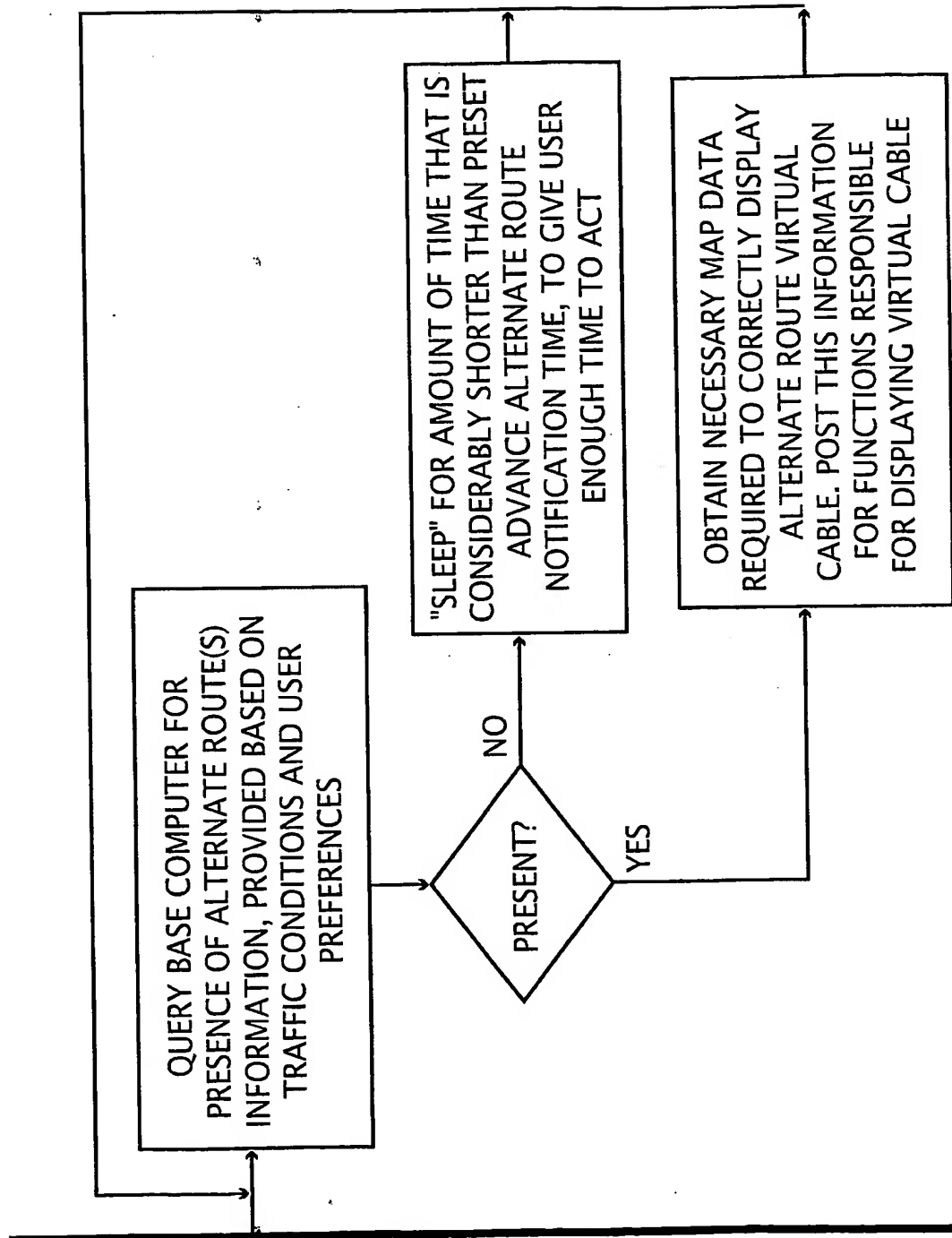
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FIG. 60F



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FIG. 60G



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FIG. 60H

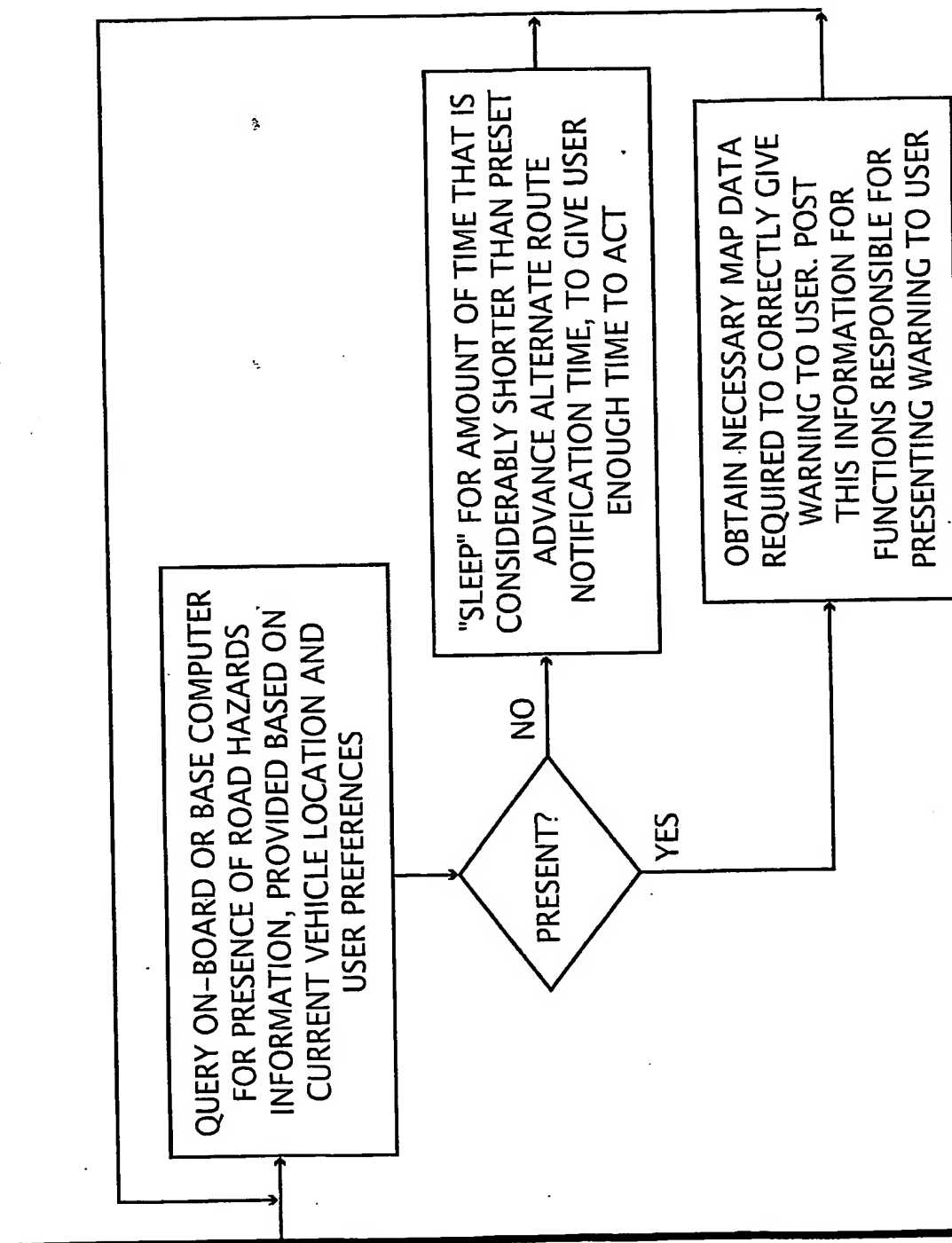
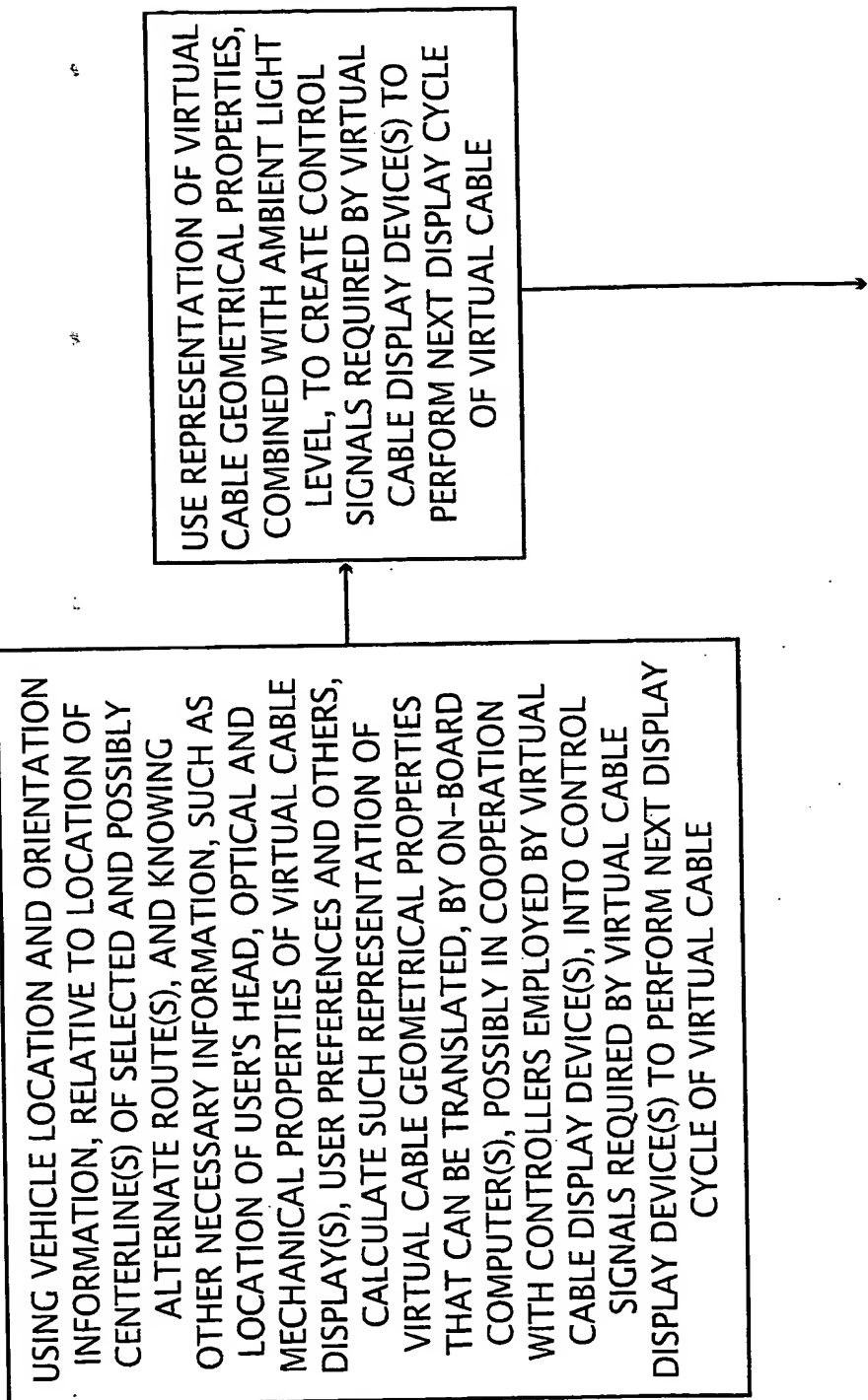


FIG. 601



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FIG. 60J

